Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090221AL\
Data File : FD038764.D
Signal(s) : FID2B.CH
Acq On : 03 Sep 2021 5:50
Operator : AJ\MA
Sample : M3636-02MS
Misc :
ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
Quant Time: Sep 03 06:58:16 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
Quant Title : GC Extractables
QLast Update : Tue Aug 31 06:05:30 2021
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

Instrument :
FID_D
ClientSampleId :
SA-01-090121-EPH-2MS

Manual Integrations APPROVED
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Compound	R.T.	Response	Conc Units
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.689	5654620	38.470 ug/ml
Spiked Amount 50.000		Recovery =	76.94%
12) S 1-chlorooctadecane (S...	13.114	4993246	42.927 ug/ml
Spiked Amount 50.000		Recovery =	85.85%
Target Compounds			
1) T n-Nonane (C9)	3.446	4661733	36.602 ug/ml
2) T n-Decane (C10)	4.517	5341436	41.239 ug/ml
3) T A~Naphthalene (C11.7)	6.109	6273404	43.079 ug/ml
4) T n-Dodecane (C12)	6.533	5914224	45.024 ug/ml
5) T A~2-methylnaphthalene...	7.165	6376020	43.108 ug/ml
6) T n-Tetradecane (C14)	8.328	6661314	49.423 ug/ml
7) T n-Hexadecane (C16)	9.925	7268046	53.157 ug/ml
8) T n-Octadecane (C18)	11.366	7582867	54.260 ug/ml
10) T n-Eicosane (C20)	12.672	7364556	53.412 ug/ml
11) T n-Heneicosane (C21)	13.282	7345894	52.854 ug/ml
13) T n-Docosane (C22)	13.867	6930354	50.870 ug/ml
14) T n-Tetracosane (C24)	14.968	13672214	102.335 ug/ml
15) T n-Hexacosane (C26)	15.986	6426666	50.679 ug/ml
16) T n-Octacosane (C28)	16.930	6550775	54.174 ug/mlm
17) T n-Tricontane (C30)	17.817	6090977	53.098 ug/mlm
18) T n-Dotriacontane (C32)	18.644	5636983	52.122 ug/ml
19) T n-Tetratriacontane (C34)	19.425	5356625	51.452 ug/ml
20) T n-Hexatriacontane (C36)	20.161	5000769	51.002 ug/ml
21) T n-Octatriacontane (C38)	20.907	4309486	45.704 ug/ml
22) T n-Tetracontane (C40)	21.842	4912697	51.887 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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Instrument :
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ClientSampleId :
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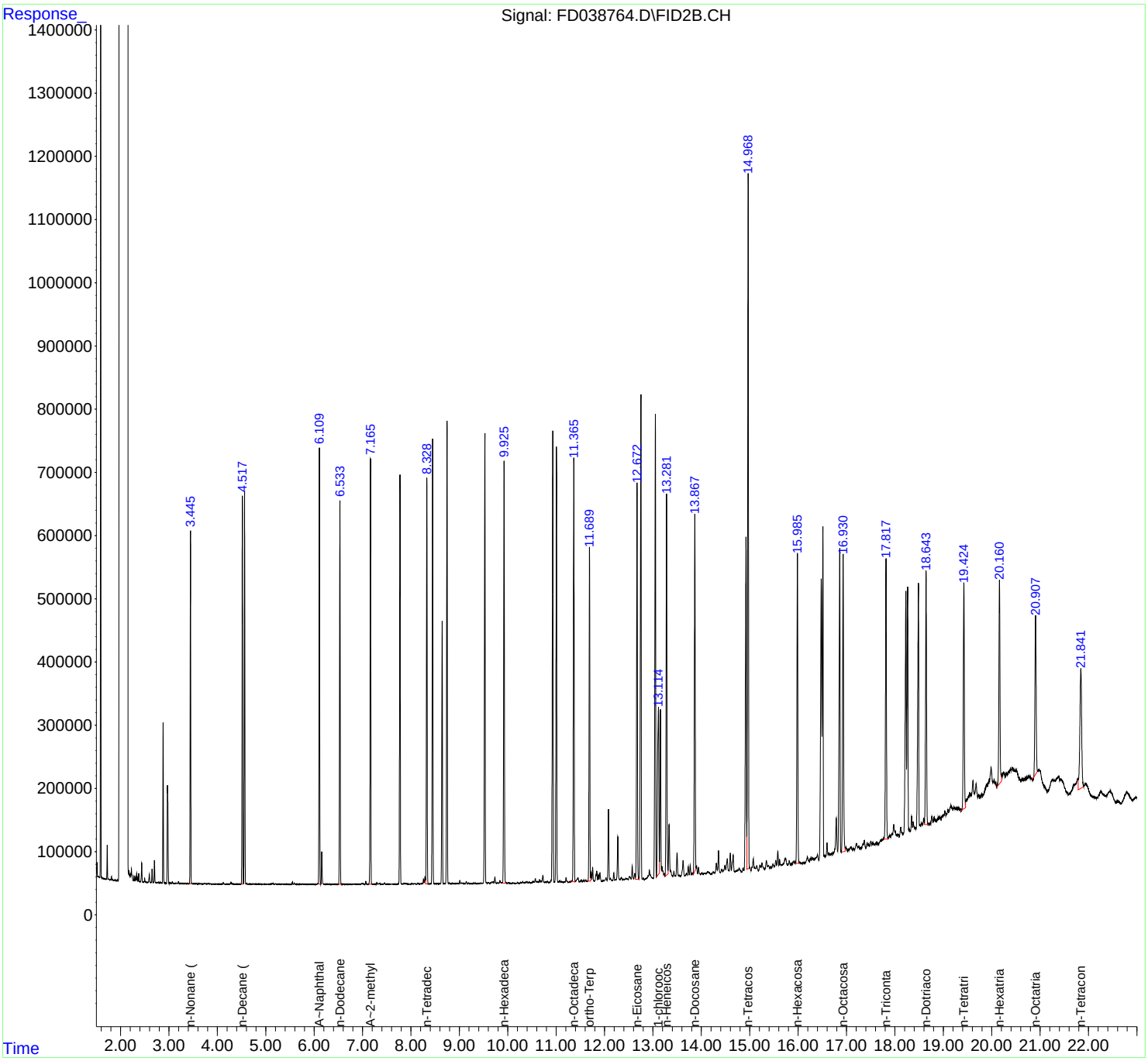

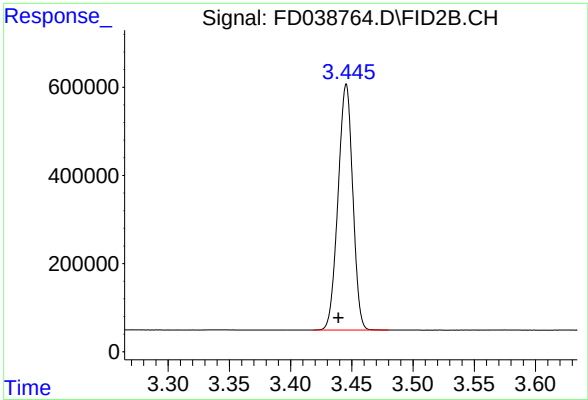

#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: 0.007 min
Response: 4661733
Conc: 36.60 ug/ml

Instrument :
FID_D
ClientSampleId :
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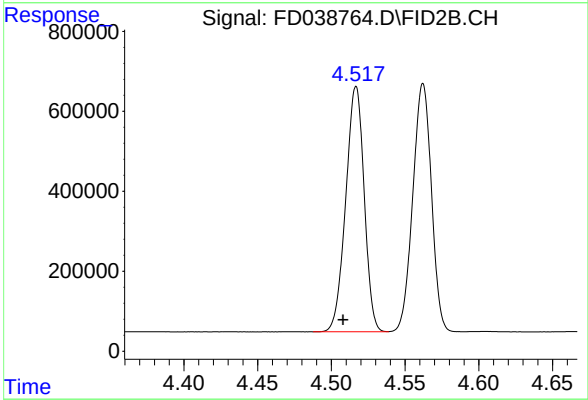
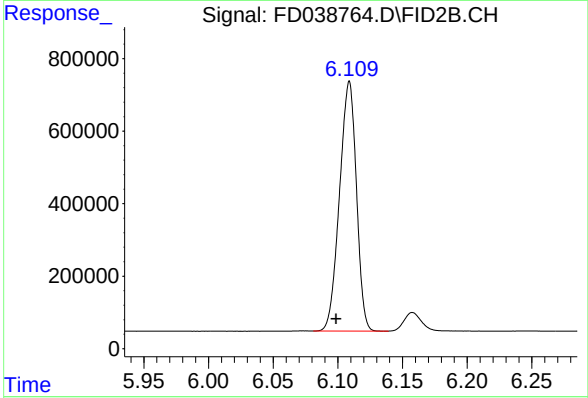


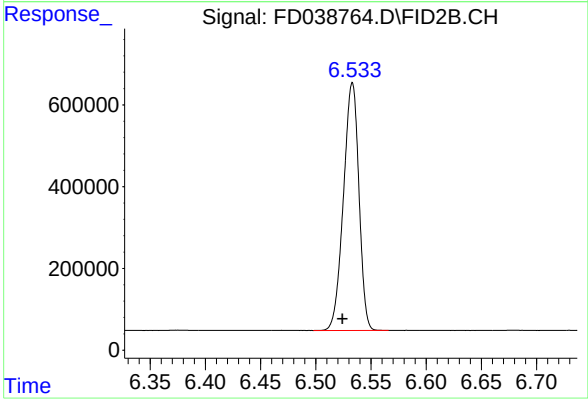
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.009 min
Response: 5341436
Conc: 41.24 ug/ml



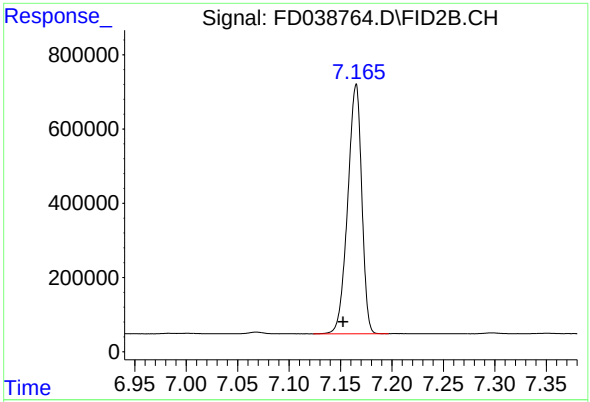
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.010 min
Response: 6273404
Conc: 43.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.533 min
Delta R.T.: 0.009 min
Response: 5914224
Conc: 45.02 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: 0.013 min
Response: 6376020
Conc: 43.11 ug/ml

Instrument :
FID_D
ClientSampleId :
SA-01-090121-EPH-2MS

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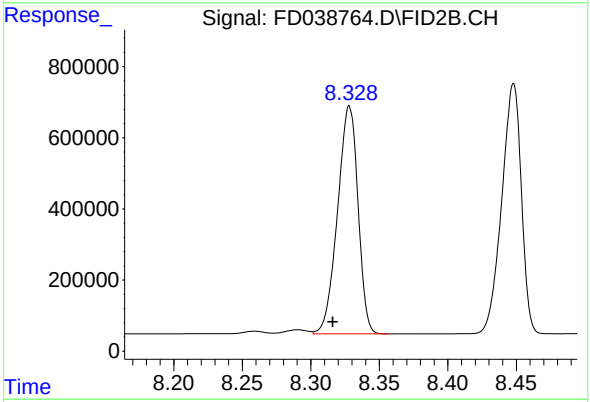
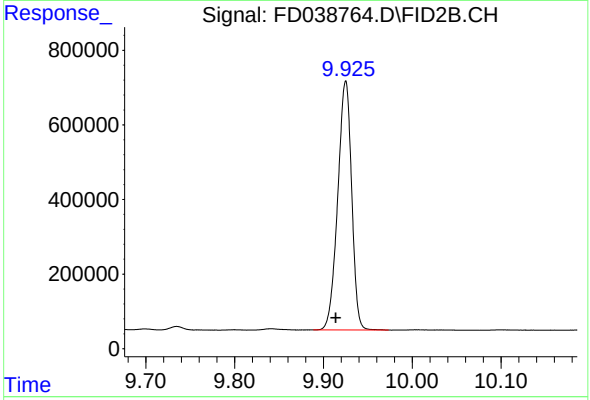


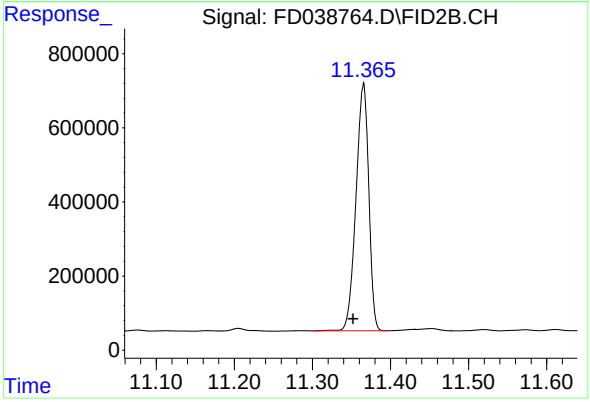
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: 0.012 min
Response: 6661314
Conc: 49.42 ug/ml



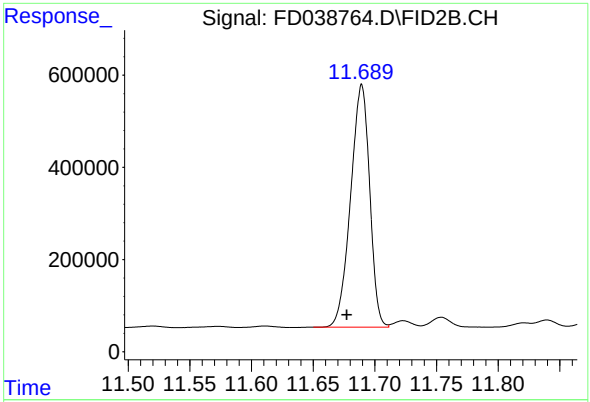
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.011 min
Response: 7268046
Conc: 53.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.366 min
Delta R.T.: 0.014 min
Response: 7582867
Conc: 54.26 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.689 min
Delta R.T.: 0.012 min
Response: 5654620
Conc: 38.47 ug/ml

Instrument :
FID_D
ClientSampleId :
SA-01-090121-EPH-2MS

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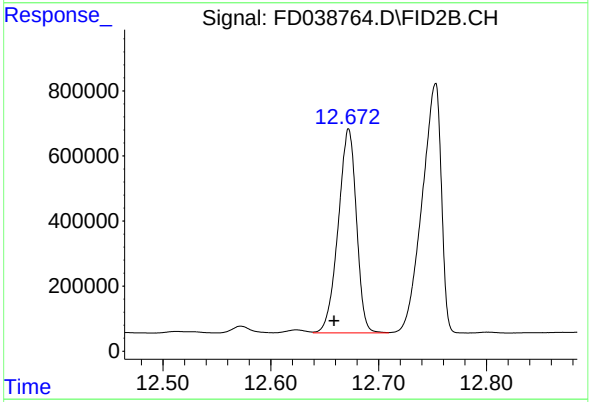
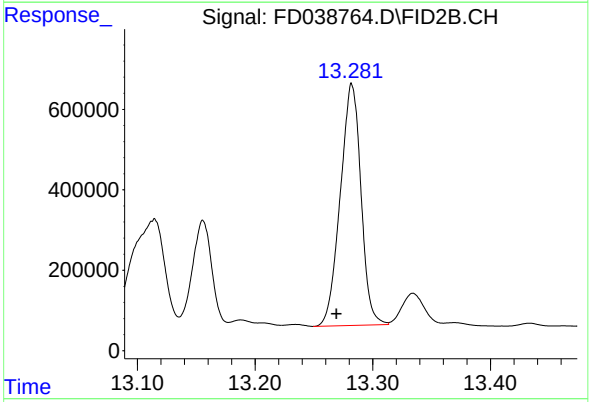


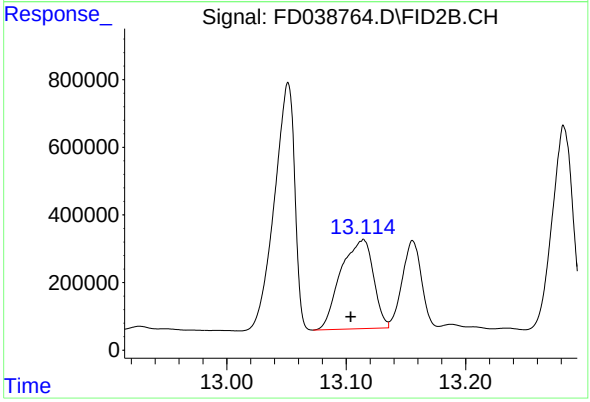
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: 0.014 min
Response: 7364556
Conc: 53.41 ug/ml



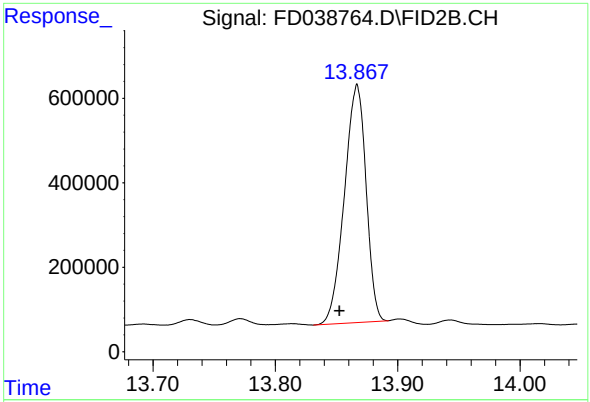
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: 0.013 min
Response: 7345894
Conc: 52.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.011 min
Response: 4993246
Conc: 42.93 ug/ml



#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.014 min
Response: 6930354
Conc: 50.87 ug/ml

Instrument :
FID_D
ClientSampleId :
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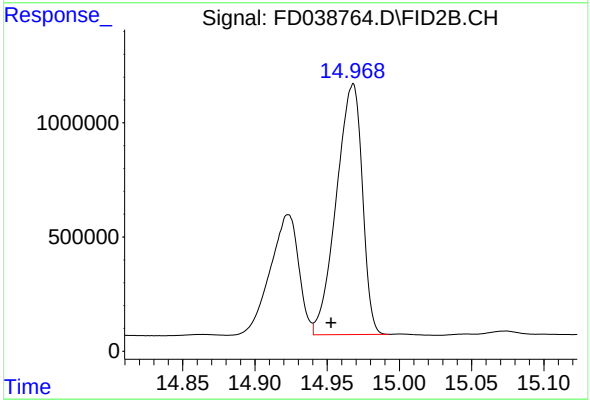
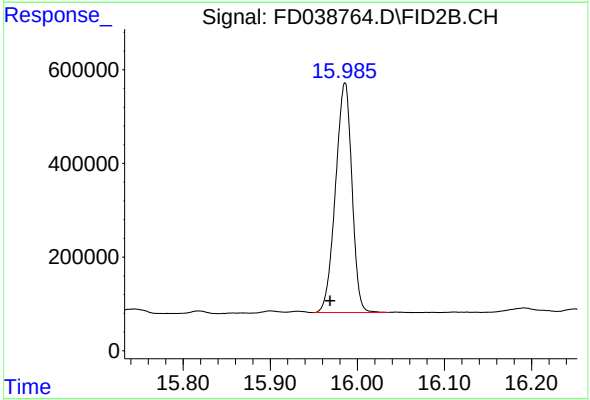


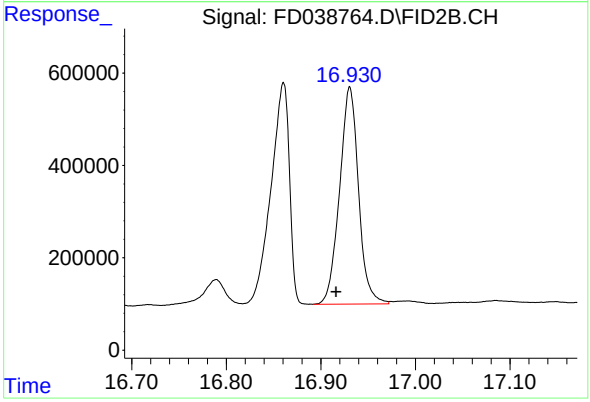
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: 0.015 min
Response: 13672214
Conc: 102.34 ug/ml



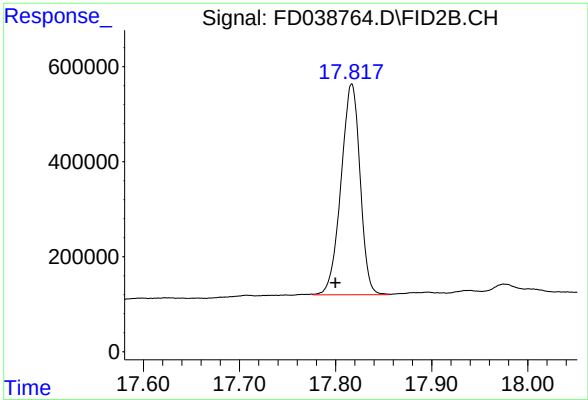
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: 0.017 min
Response: 6426666
Conc: 50.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: 0.014 min
Response: 6550775
Conc: 54.17 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.817 min
Delta R.T.: 0.017 min
Response: 6090977
Conc: 53.10 ug/ml m

Instrument :
FID_D
ClientSampleId :
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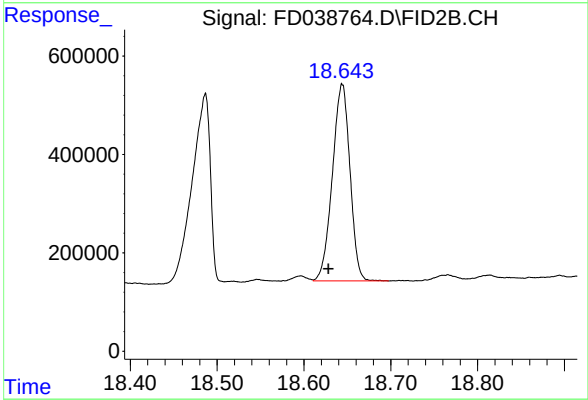
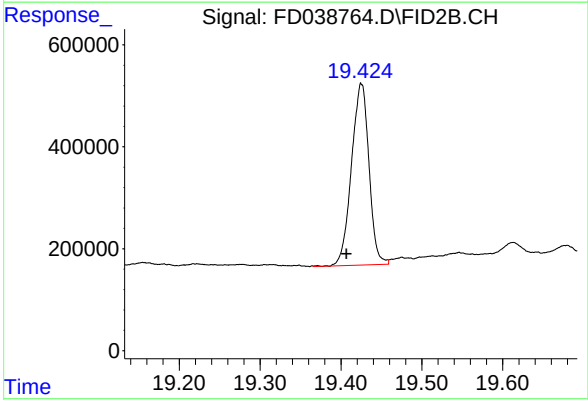


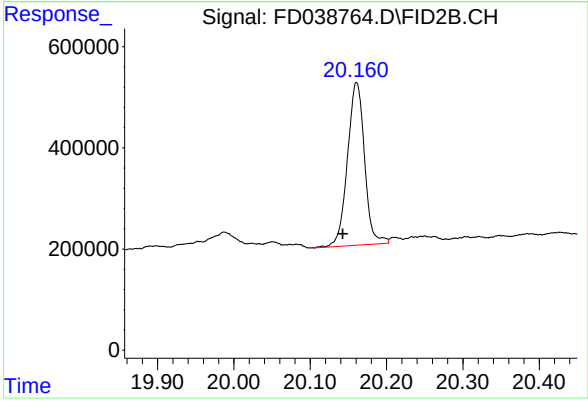
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: 0.016 min
Response: 5636983
Conc: 52.12 ug/ml



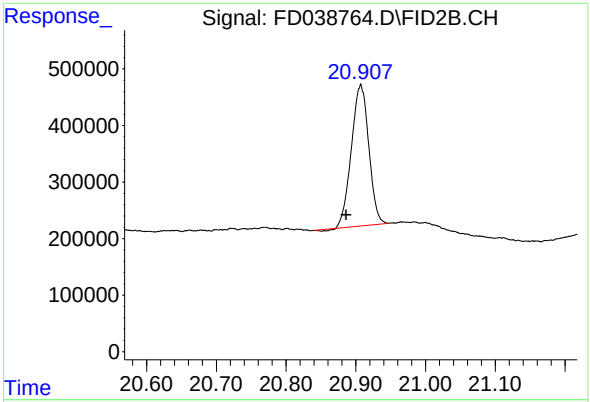
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min
Delta R.T.: 0.019 min
Response: 5356625
Conc: 51.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.161 min
Delta R.T.: 0.018 min
Response: 5000769
Conc: 51.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: 0.021 min
Response: 4309486
Conc: 45.70 ug/ml

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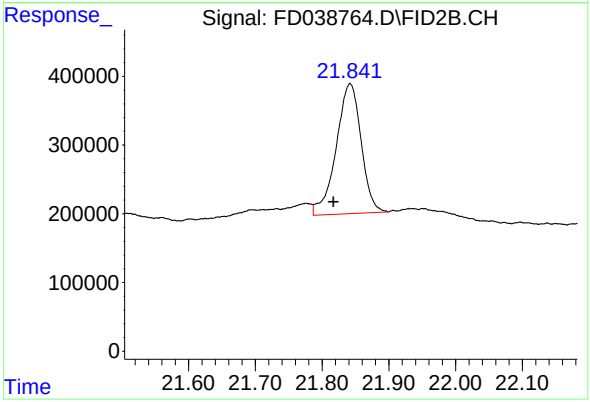

#22 n-Tetracontane (C40)

R.T.: 21.842 min
Delta R.T.: 0.025 min
Response: 4912697
Conc: 51.89 ug/ml