

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090221AL\
 Data File : FD038765.D
 Signal(s) : FID2B.CH
 Acq On : 03 Sep 2021 6:28
 Operator : AJ\MA
 Sample : M3636-02MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 9/7/2021 8:07:43 AM

Integration File: autoint1.e
 Quant Time: Sep 03 06:58:34 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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.690	5601469	38.109 ug/ml
Spiked Amount 50.000		Recovery =	76.22%
12) S 1-chlorooctadecane (S...	13.115	4954830	42.597 ug/ml
Spiked Amount 50.000		Recovery =	85.19%
Target Compounds			
1) T n-Nonane (C9)	3.445	4525495	35.533 ug/ml
2) T n-Decane (C10)	4.517	5189565	40.066 ug/ml
3) T A~Naphthalene (C11.7)	6.109	6133227	42.117 ug/ml
4) T n-Dodecane (C12)	6.533	5760239	43.851 ug/ml
5) T A~2-methylnaphthalene...	7.165	6247735	42.241 ug/ml
6) T n-Tetradecane (C14)	8.328	6512058	48.315 ug/ml
7) T n-Hexadecane (C16)	9.926	7137934	52.205 ug/ml
8) T n-Octadecane (C18)	11.366	7428883	53.158 ug/ml
10) T n-Eicosane (C20)	12.673	7282816	52.819 ug/ml
11) T n-Heneicosane (C21)	13.284	7273041	52.330 ug/ml
13) T n-Docosane (C22)	13.867	6888569	50.564 ug/ml
14) T n-Tetracosane (C24)	14.969	13585413	101.685 ug/ml
15) T n-Hexacosane (C26)	15.987	6402779	50.490 ug/ml
16) T n-Octacosane (C28)	16.933	6395222	52.888 ug/ml
17) T n-Tricontane (C30)	17.818	6027229	52.543 ug/mlm
18) T n-Dotriacontane (C32)	18.646	5562526	51.433 ug/ml
19) T n-Tetratriacontane (C34)	19.426	4983289	47.866 ug/ml
20) T n-Hexatriacontane (C36)	20.162	4880056	49.771 ug/ml
21) T n-Octatriacontane (C38)	20.909	4514617	47.880 ug/mlm
22) T n-Tetracontane (C40)	21.844	4660707	49.225 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
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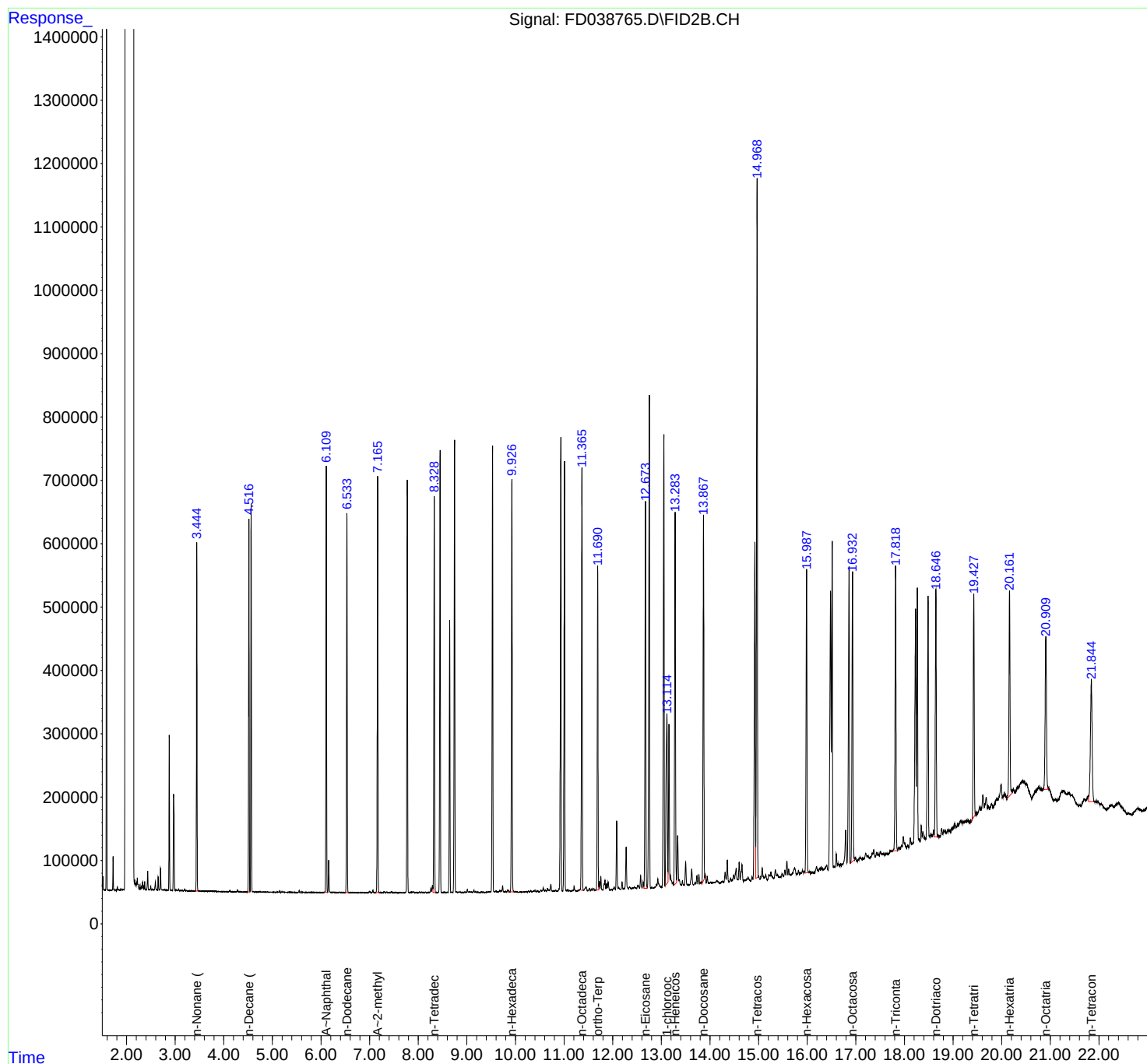
Instrument :
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ClientSampleId :
SA-01-090121-EPH-2MSD

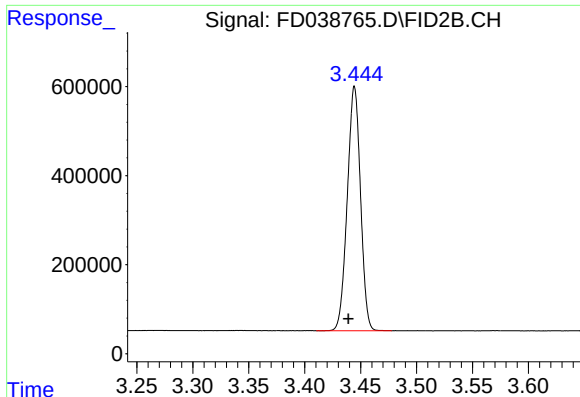
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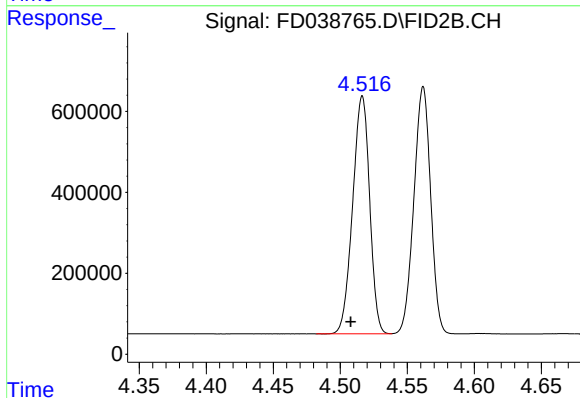
#1 n-Nonane (C9)

R.T.: 3.445 min
Delta R.T.: 0.006 min
Response: 4525495
Conc: 35.53 ug/ml

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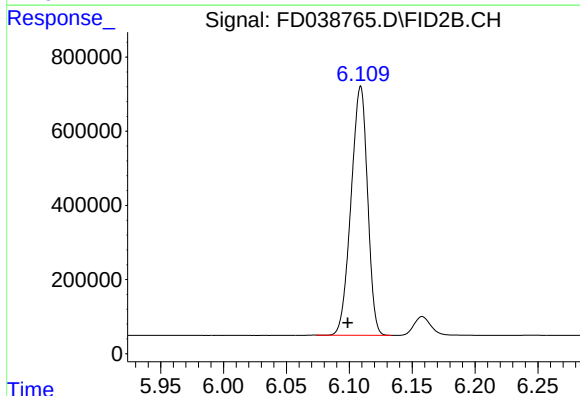
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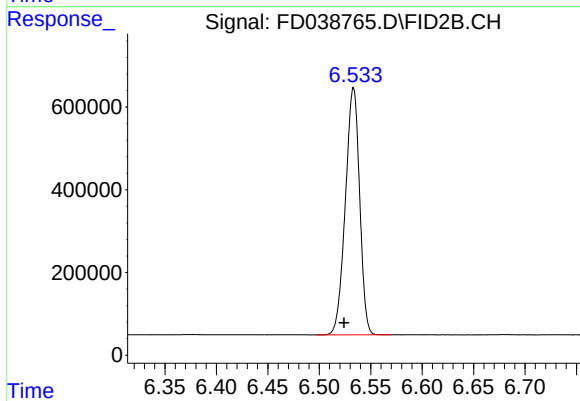
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.009 min
Response: 5189565
Conc: 40.07 ug/ml



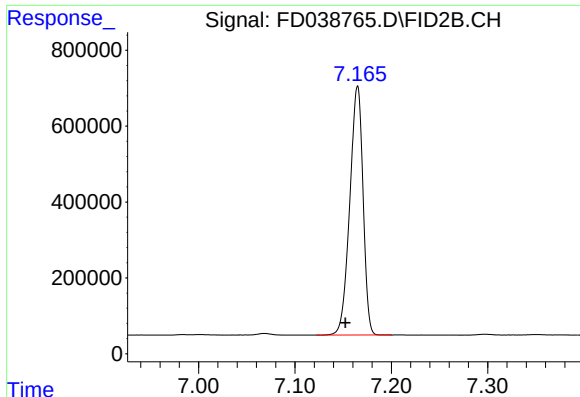
#3 A~Naphthalene (C11.7)

R.T.: 6.109 min
Delta R.T.: 0.011 min
Response: 6133227
Conc: 42.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.533 min
Delta R.T.: 0.009 min
Response: 5760239
Conc: 43.85 ug/ml



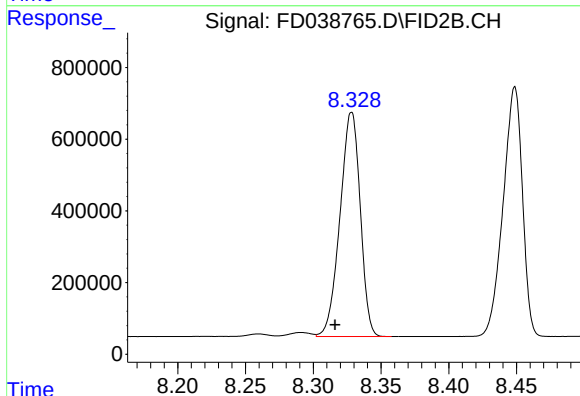
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.165 min
Delta R.T.: 0.013 min
Response: 6247735
Conc: 42.24 ug/ml

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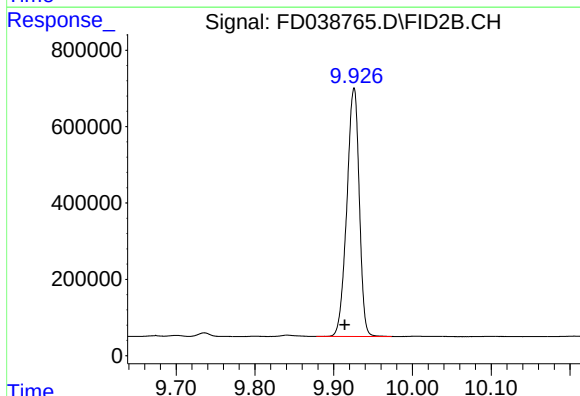
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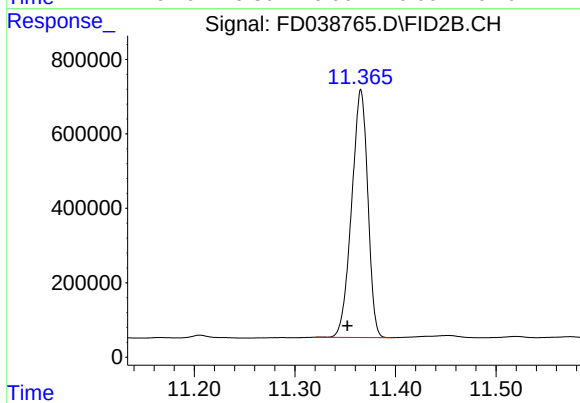
#6 n-Tetradecane (C14)

R.T.: 8.328 min
Delta R.T.: 0.012 min
Response: 6512058
Conc: 48.32 ug/ml



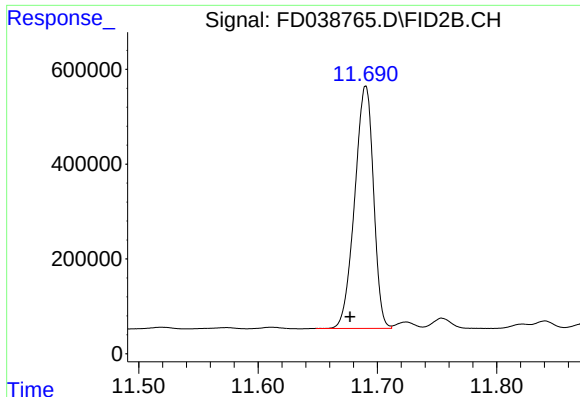
#7 n-Hexadecane (C16)

R.T.: 9.926 min
Delta R.T.: 0.012 min
Response: 7137934
Conc: 52.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.366 min
Delta R.T.: 0.014 min
Response: 7428883
Conc: 53.16 ug/ml



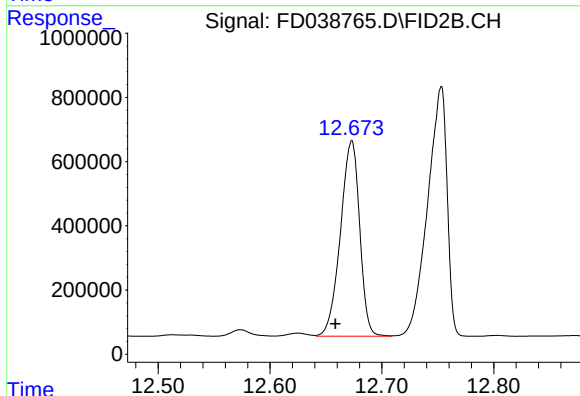
#9 ortho-Terphenyl (SURR)

R.T.: 11.690 min
Delta R.T.: 0.013 min
Response: 5601469
Conc: 38.11 ug/ml

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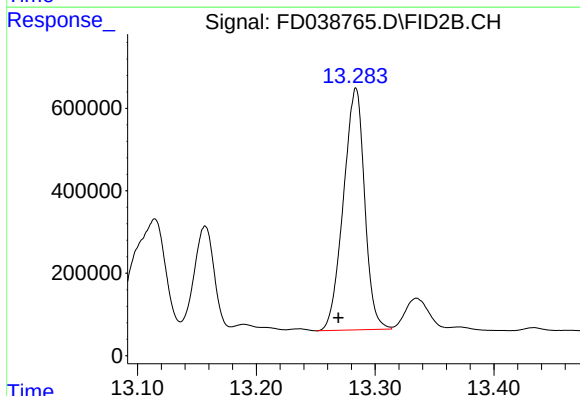
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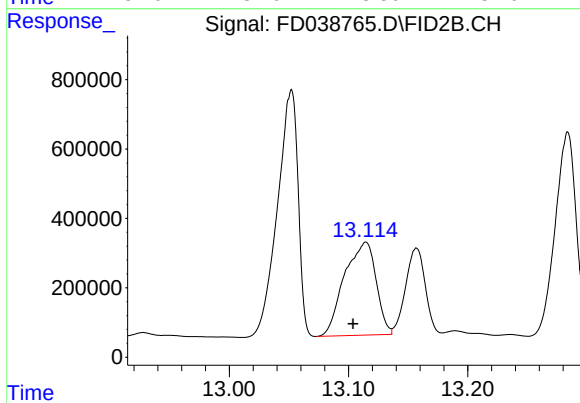
#10 n-Eicosane (C20)

R.T.: 12.673 min
Delta R.T.: 0.015 min
Response: 7282816
Conc: 52.82 ug/ml



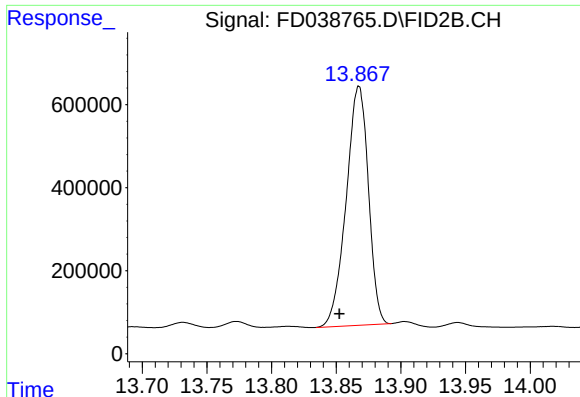
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.015 min
Response: 7273041
Conc: 52.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: 0.011 min
Response: 4954830
Conc: 42.60 ug/ml



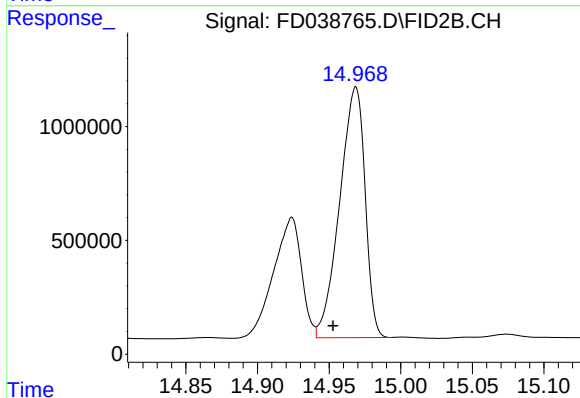
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: 0.015 min
Response: 6888569
Conc: 50.56 ug/ml

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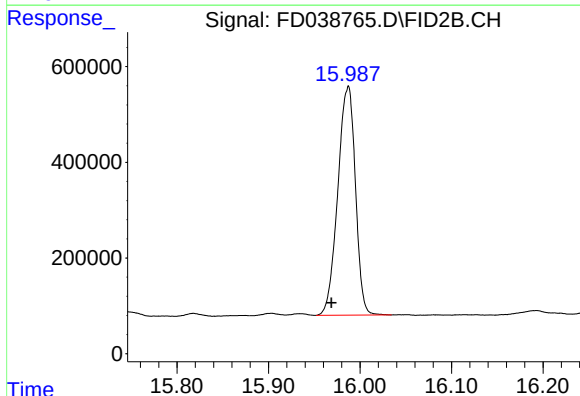
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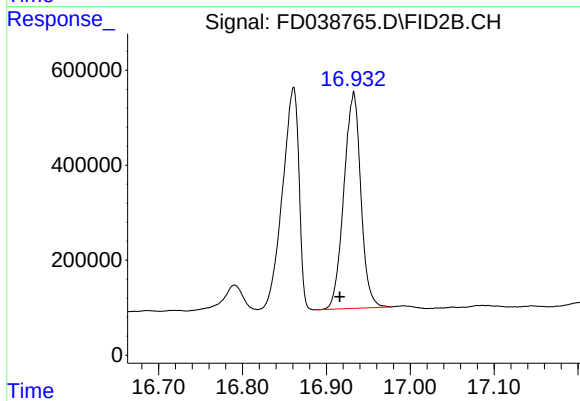
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: 0.016 min
Response: 13585413
Conc: 101.69 ug/ml



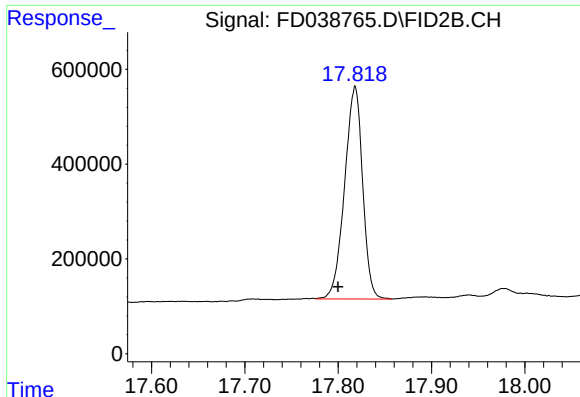
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.018 min
Response: 6402779
Conc: 50.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: 0.017 min
Response: 6395222
Conc: 52.89 ug/ml



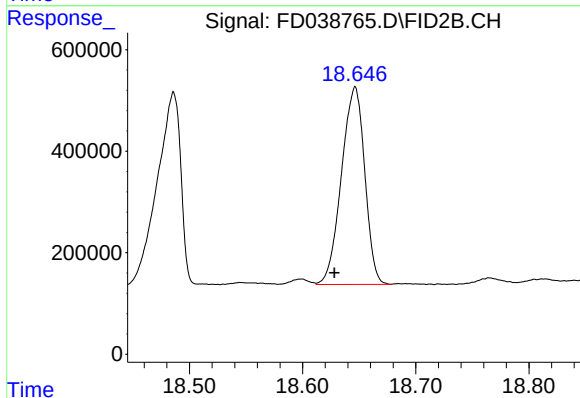
#17 n-Tricontane (C30)

R.T.: 17.818 min
Delta R.T.: 0.018 min
Response: 6027229
Conc: 52.54 ug/ml m

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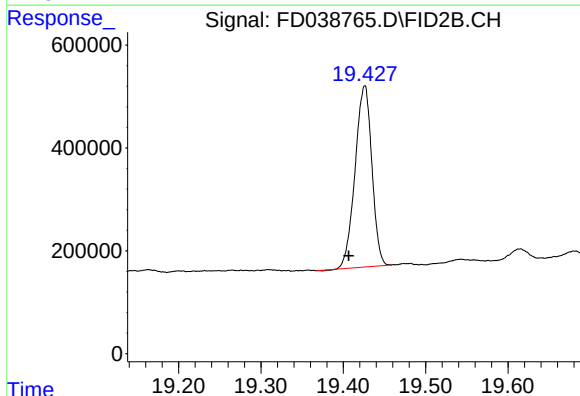
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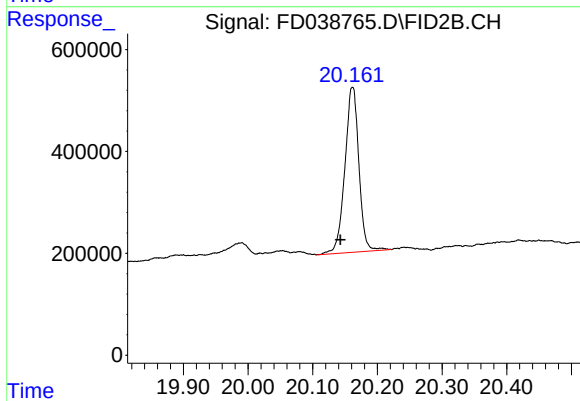
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.018 min
Response: 5562526
Conc: 51.43 ug/ml



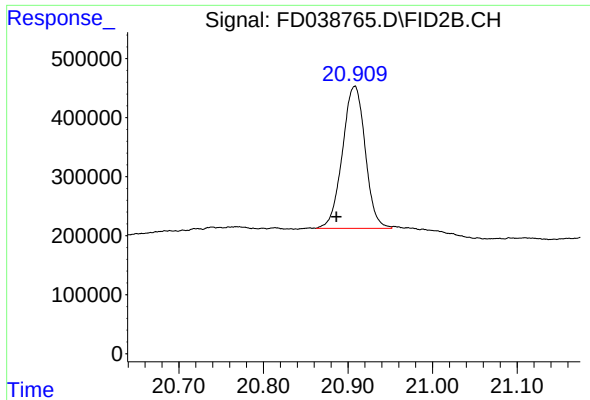
#19 n-Tetratriacontane (C34)

R.T.: 19.426 min
Delta R.T.: 0.019 min
Response: 4983289
Conc: 47.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.162 min
Delta R.T.: 0.019 min
Response: 4880056
Conc: 49.77 ug/ml



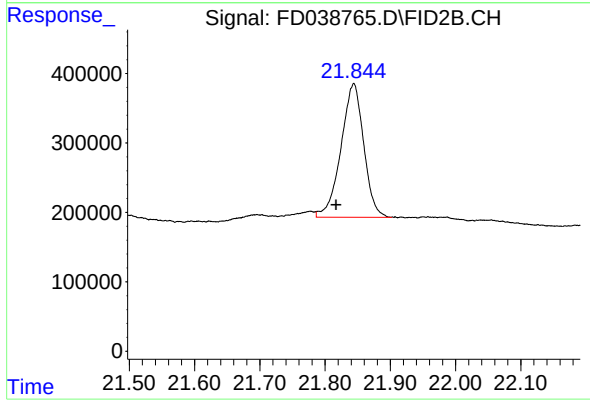
#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: 0.022 min
Response: 4514617
Conc: 47.88 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.844 min
Delta R.T.: 0.027 min
Response: 4660707
Conc: 49.23 ug/ml m