

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040010.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 21:49
 Operator : AJ\MA
 Sample : PB141533BSD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141533BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2021
 Supervised By :Ankita Jodhani 12/23/2021

Integration File: autoint1.e
 Quant Time: Dec 17 23:46:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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)	10.763	7535682	48.002 ug/ml
Spiked Amount 50.000		Recovery =	96.00%
12) S 1-chlorooctadecane (S...	12.197	5873162	47.559 ug/ml
Spiked Amount 50.000		Recovery =	95.12%
Target Compounds			
1) T n-Nonane (C9)	2.690	7651070	54.369 ug/ml
2) T n-Decane (C10)	3.677	8047031	56.419 ug/ml
3) T A~Naphthalene (C11.7)	5.216	9157413	57.047 ug/ml
4) T n-Dodecane (C12)	5.646	8147625	57.063 ug/ml
5) T A~2-methylnaphthalene...	6.258	8856750	54.882 ug/ml
6) T n-Tetradecane (C14)	7.428	8099694	56.198 ug/ml
7) T n-Hexadecane (C16)	9.018	8120906	55.822 ug/ml
8) T n-Octadecane (C18)	10.454	7916438	53.201 ug/ml
10) T n-Eicosane (C20)	11.758	7520839	51.424 ug/ml
11) T n-Heneicosane (C21)	12.366	7279446	49.547 ug/ml
13) T n-Docosane (C22)	12.950	7108631	48.680 ug/ml
14) T n-Tetracosane (C24)	14.049	6784411	46.582 ug/ml
15) T n-Hexacosane (C26)	15.068	6457112	46.038 ug/ml
16) T n-Octacosane (C28)	16.012	6306008	46.496 ug/mlm
17) T n-Tricontane (C30)	16.898	6065789	46.419 ug/mlm
18) T n-Dotriacontane (C32)	17.728	5850709	47.011 ug/mlm
19) T n-Tetratriacontane (C34)	18.509	5451569	45.136 ug/ml
20) T n-Hexatriacontane (C36)	19.248	4621398	40.185 ug/mlm
21) T n-Octatriacontane (C38)	19.959	4229104	37.888 ug/mlm
22) T n-Tetracontane (C40)	20.811	4010009	35.192 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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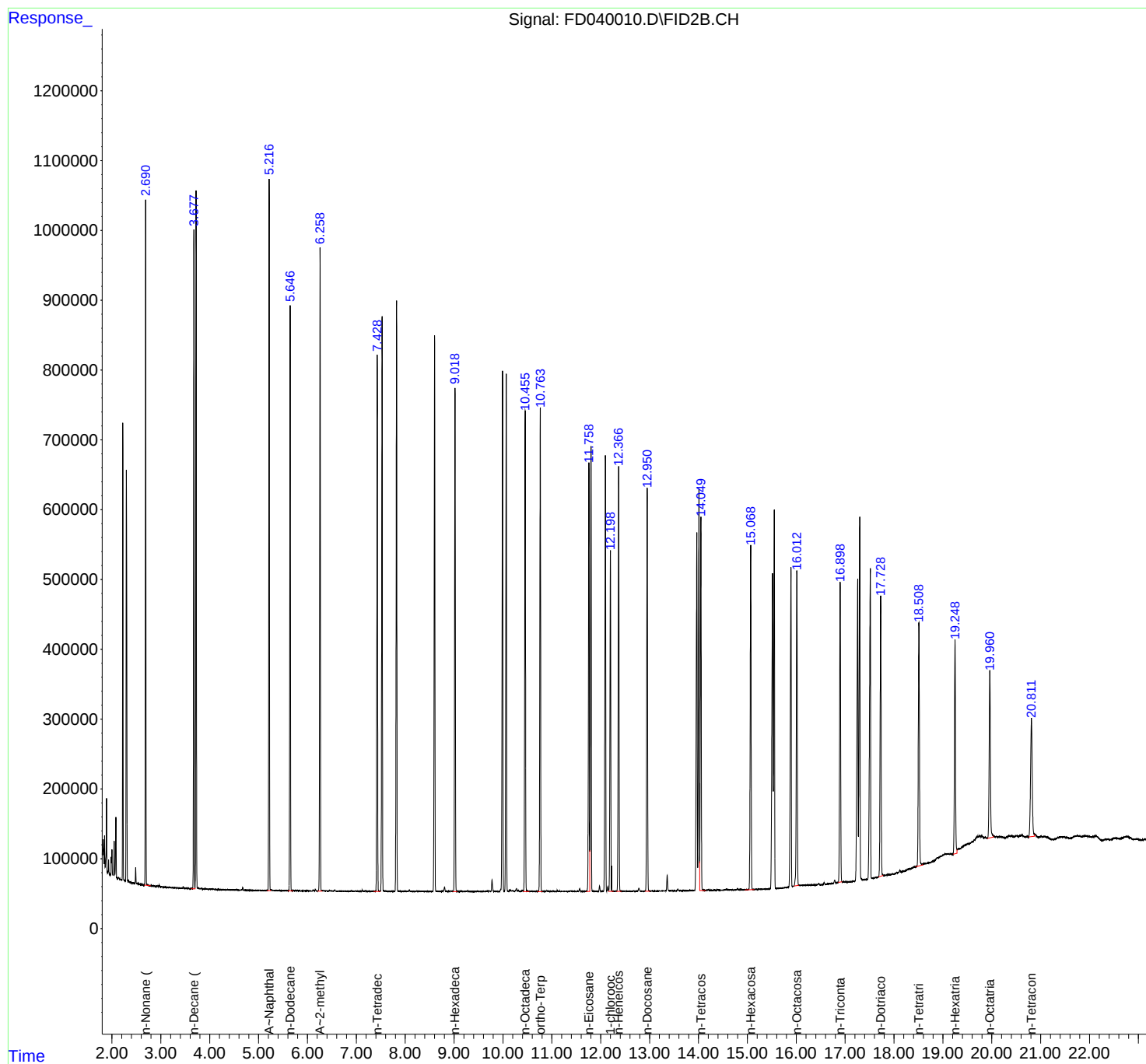
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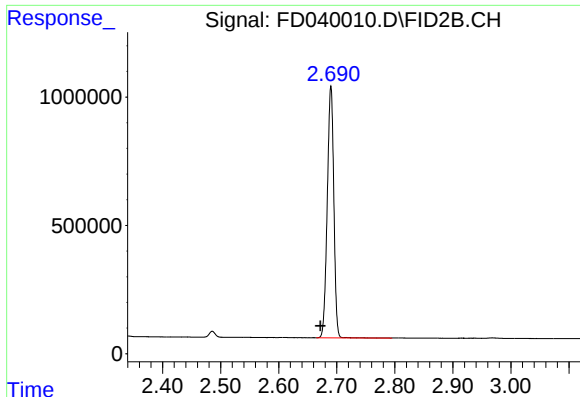
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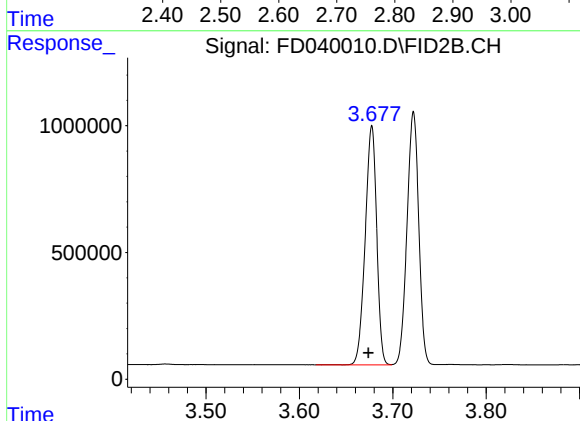
#1 n-Nonane (C9)

R.T.: 2.690 min
Delta R.T.: 0.018 min
Response: 7651070
Conc: 54.37 ug/ml

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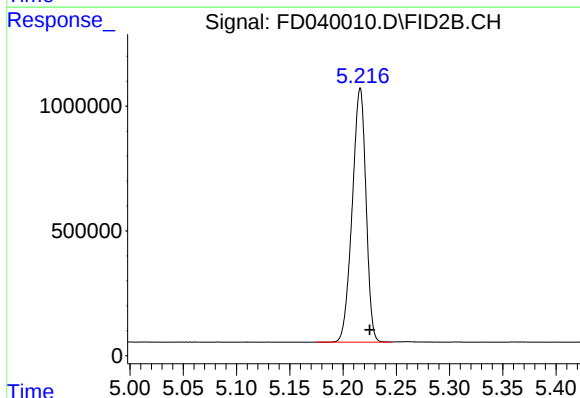
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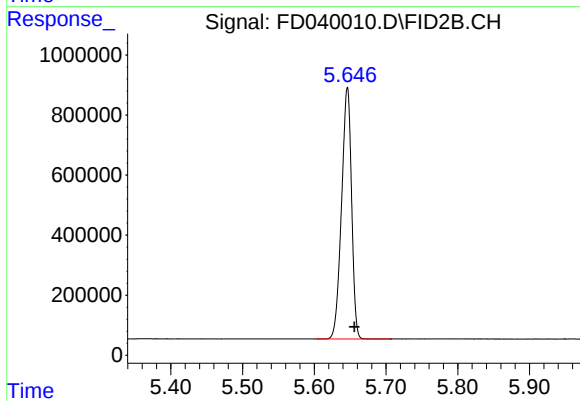
#2 n-Decane (C10)

R.T.: 3.677 min
Delta R.T.: 0.003 min
Response: 8047031
Conc: 56.42 ug/ml



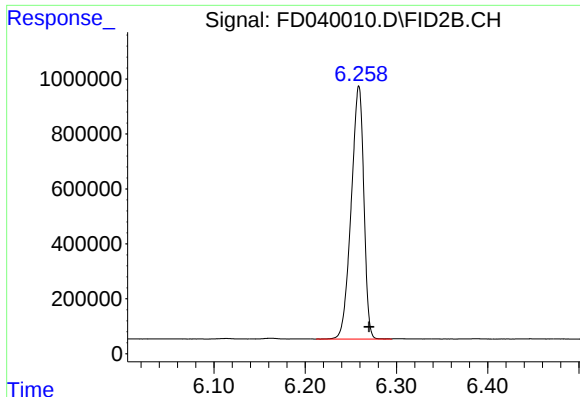
#3 A~Naphthalene (C11.7)

R.T.: 5.216 min
Delta R.T.: -0.009 min
Response: 9157413
Conc: 57.05 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.646 min
Delta R.T.: -0.010 min
Response: 8147625
Conc: 57.06 ug/ml



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

R.T.: 6.258 min
Delta R.T.: -0.012 min
Response: 8856750
Conc: 54.88 ug/ml

Instrument :

FID_D

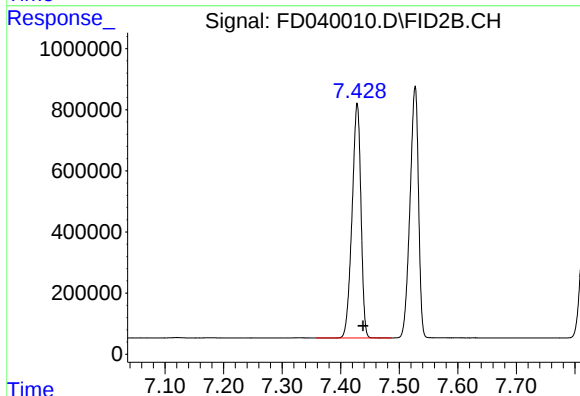
ClientSampleId :

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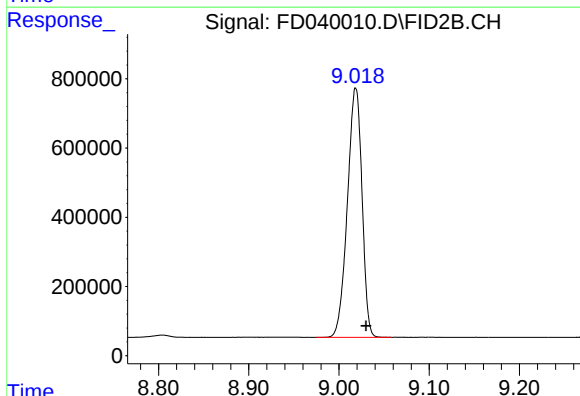
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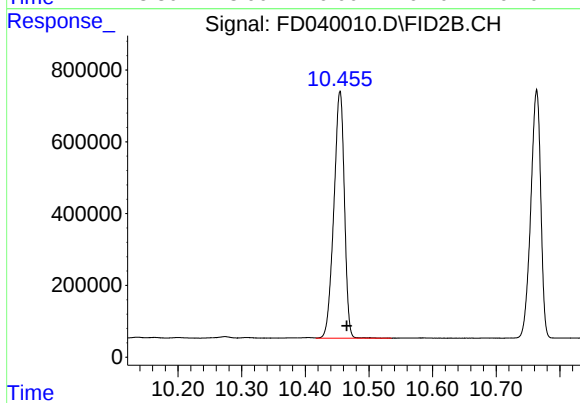
#6 n-Tetradecane (C14)

R.T.: 7.428 min
Delta R.T.: -0.010 min
Response: 8099694
Conc: 56.20 ug/ml



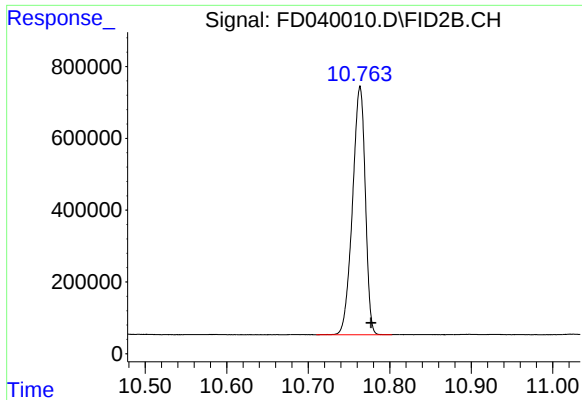
#7 n-Hexadecane (C16)

R.T.: 9.018 min
Delta R.T.: -0.012 min
Response: 8120906
Conc: 55.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.454 min
Delta R.T.: -0.011 min
Response: 7916438
Conc: 53.20 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.763 min
Delta R.T.: -0.014 min
Response: 7535682
Conc: 48.00 ug/ml

Instrument :

FID_D

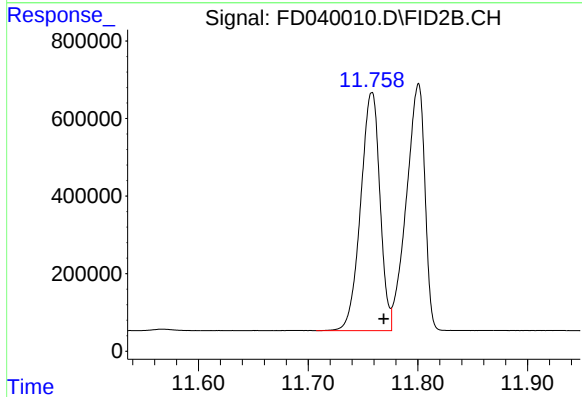
ClientSampleId :

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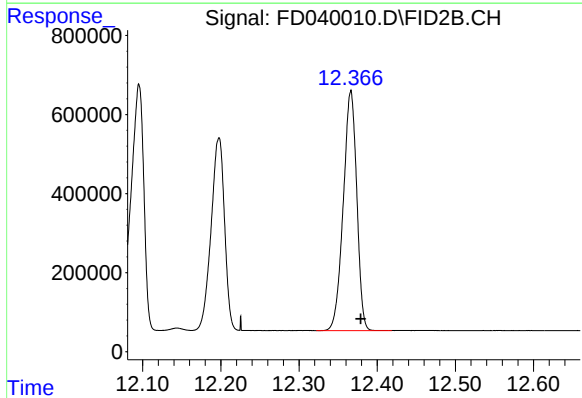
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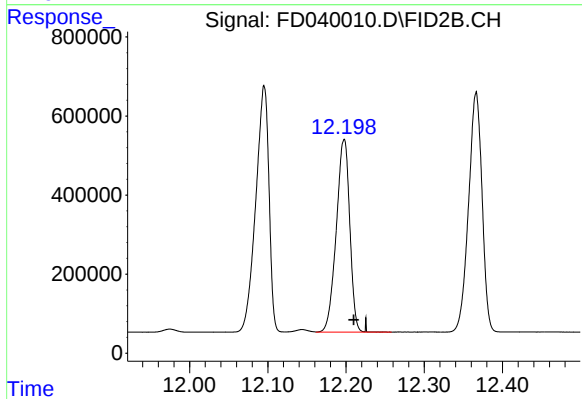
#10 n-Eicosane (C20)

R.T.: 11.758 min
Delta R.T.: -0.011 min
Response: 7520839
Conc: 51.42 ug/ml



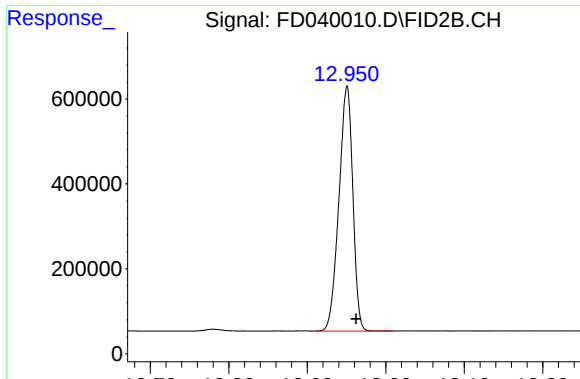
#11 n-Heneicosane (C21)

R.T.: 12.366 min
Delta R.T.: -0.013 min
Response: 7279446
Conc: 49.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.197 min
Delta R.T.: -0.013 min
Response: 5873162
Conc: 47.56 ug/ml



#13 n-Docosane (C22)

R.T.: 12.950 min
Delta R.T.: -0.012 min
Response: 7108631
Conc: 48.68 ug/ml

Instrument :

FID_D

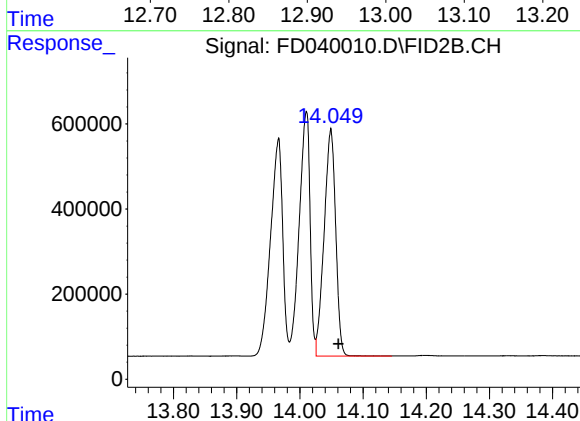
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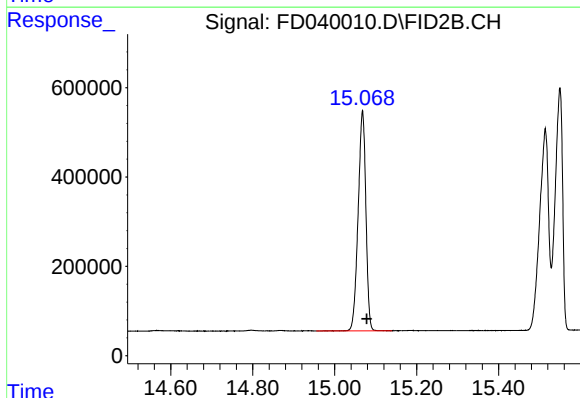
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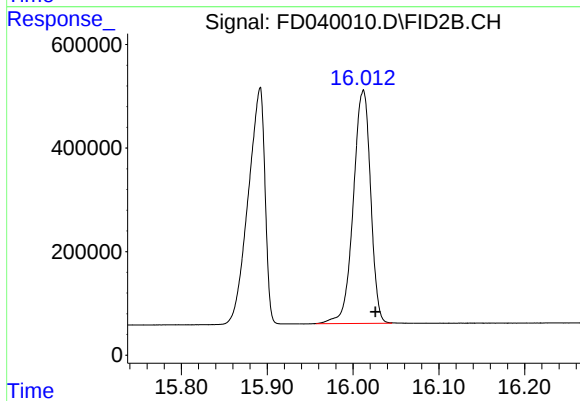
#14 n-Tetracosane (C24)

R.T.: 14.049 min
Delta R.T.: -0.012 min
Response: 6784411
Conc: 46.58 ug/ml



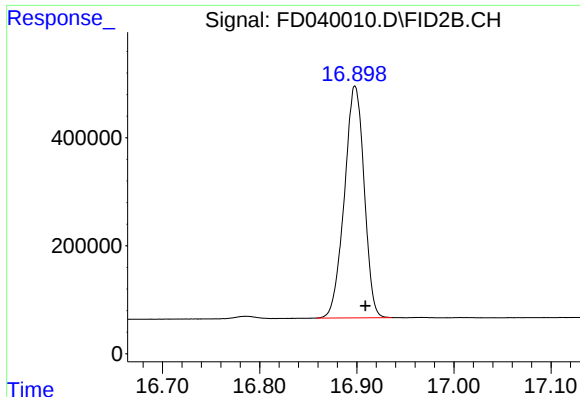
#15 n-Hexacosane (C26)

R.T.: 15.068 min
Delta R.T.: -0.010 min
Response: 6457112
Conc: 46.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.012 min
Delta R.T.: -0.014 min
Response: 6306008
Conc: 46.50 ug/ml m



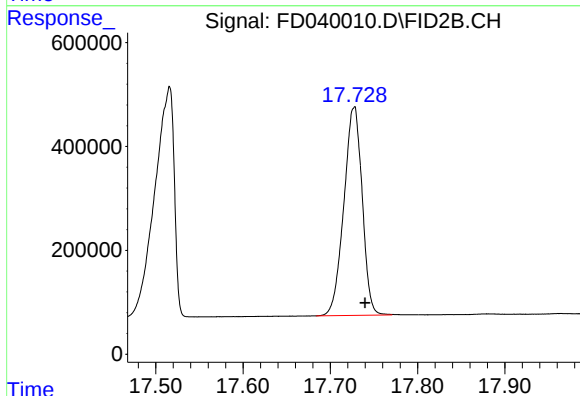
#17 n-Tricontane (C30)

R.T.: 16.898 min
Delta R.T.: -0.011 min
Response: 6065789
Conc: 46.42 ug/ml

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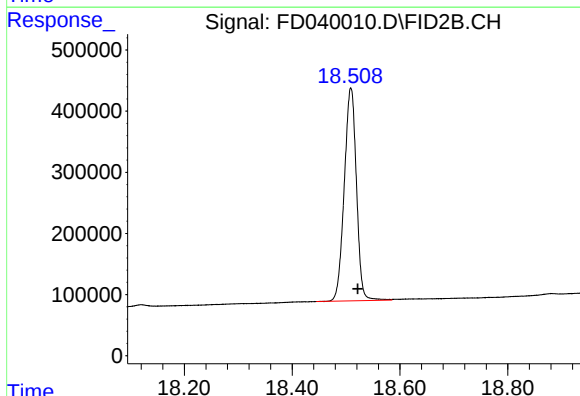
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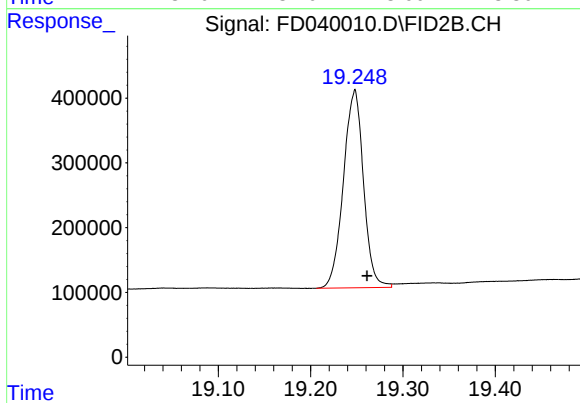
#18 n-Dotriacontane (C32)

R.T.: 17.728 min
Delta R.T.: -0.012 min
Response: 5850709
Conc: 47.01 ug/ml m



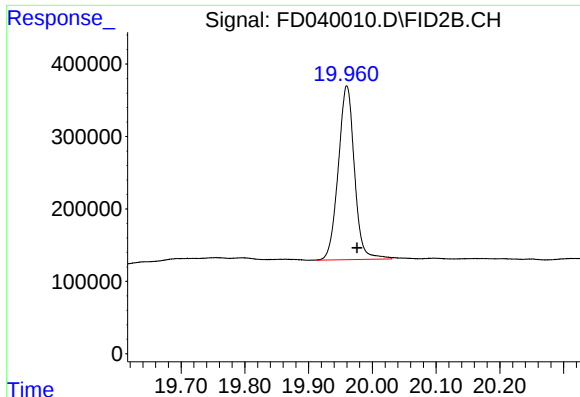
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min
Delta R.T.: -0.013 min
Response: 5451569
Conc: 45.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.248 min
Delta R.T.: -0.013 min
Response: 4621398
Conc: 40.19 ug/ml m



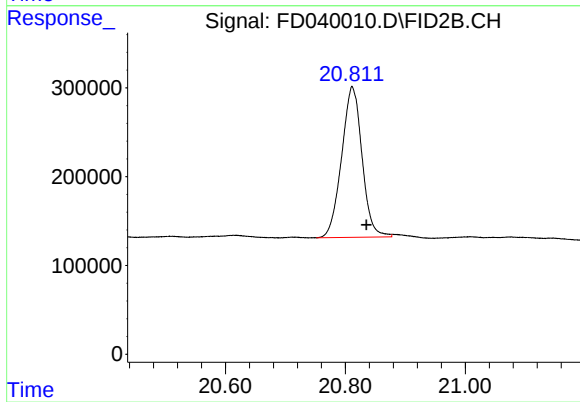
#21 n-Octatriacontane (C38)

R.T.: 19.959 min
Delta R.T.: -0.017 min
Response: 4229104
Conc: 37.89 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.811 min
Delta R.T.: -0.024 min
Response: 4010009
Conc: 35.19 ug/ml m