

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045559.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 17:16
 Operator : YP\AJ
 Sample : 05553-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-112723-EPH2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :Ankita Jodhani 11/29/2023

Integration File: autoint1.e
 Quant Time: Nov 28 23:06:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.868	5731742	30.020 ug/ml
Spiked Amount 50.000		Recovery =	60.04%
12) S 1-chlorooctadecane (S...	13.309	4379095	31.793 ug/ml
Spiked Amount 50.000		Recovery =	63.59%
Target Compounds			
1) T n-Nonane (C9)	3.258	5411997	32.760 ug/ml
2) T n-Decane (C10)	4.508	6121375	36.506 ug/ml
3) T A~Naphthalene (C11.7)	6.206	7035139	39.413 ug/ml
4) T n-Dodecane (C12)	6.673	6845022	40.531 ug/ml
5) T A~2-methylnaphthalene...	7.302	7153436	41.658 ug/ml
6) T n-Tetradecane (C14)	8.502	7599592	45.598 ug/ml
7) T n-Hexadecane (C16)	10.110	8047886	47.846 ug/ml
8) T n-Octadecane (C18)	11.556	8126726	48.555 ug/ml
10) T n-Eicosane (C20)	12.867	8041623	50.765 ug/ml
11) T n-Heneicosane (C21)	13.480	7585768	49.336 ug/ml
13) T n-Docosane (C22)	14.067	7589976	50.094 ug/ml
14) T n-Tetracosane (C24)	15.152	14373996	97.049 ug/mlm
15) T n-Hexacosane (C26)	16.199	7318748	50.212 ug/ml
16) T n-Octacosane (C28)	17.151	7601678	52.020 ug/ml
17) T n-Tricontane (C30)	18.043	7779391	51.214 ug/ml
18) T n-Dotriacontane (C32)	18.879	7973409	51.039 ug/ml
19) T n-Tetratriacontane (C34)	19.667	7496582	48.013 ug/ml
20) T n-Hexatriacontane (C36)	20.410	7427707	45.760 ug/ml
21) T n-Octatriacontane (C38)	21.149	7567358	45.547 ug/ml
22) T n-Tetracontane (C40)	22.066	8330500	48.771 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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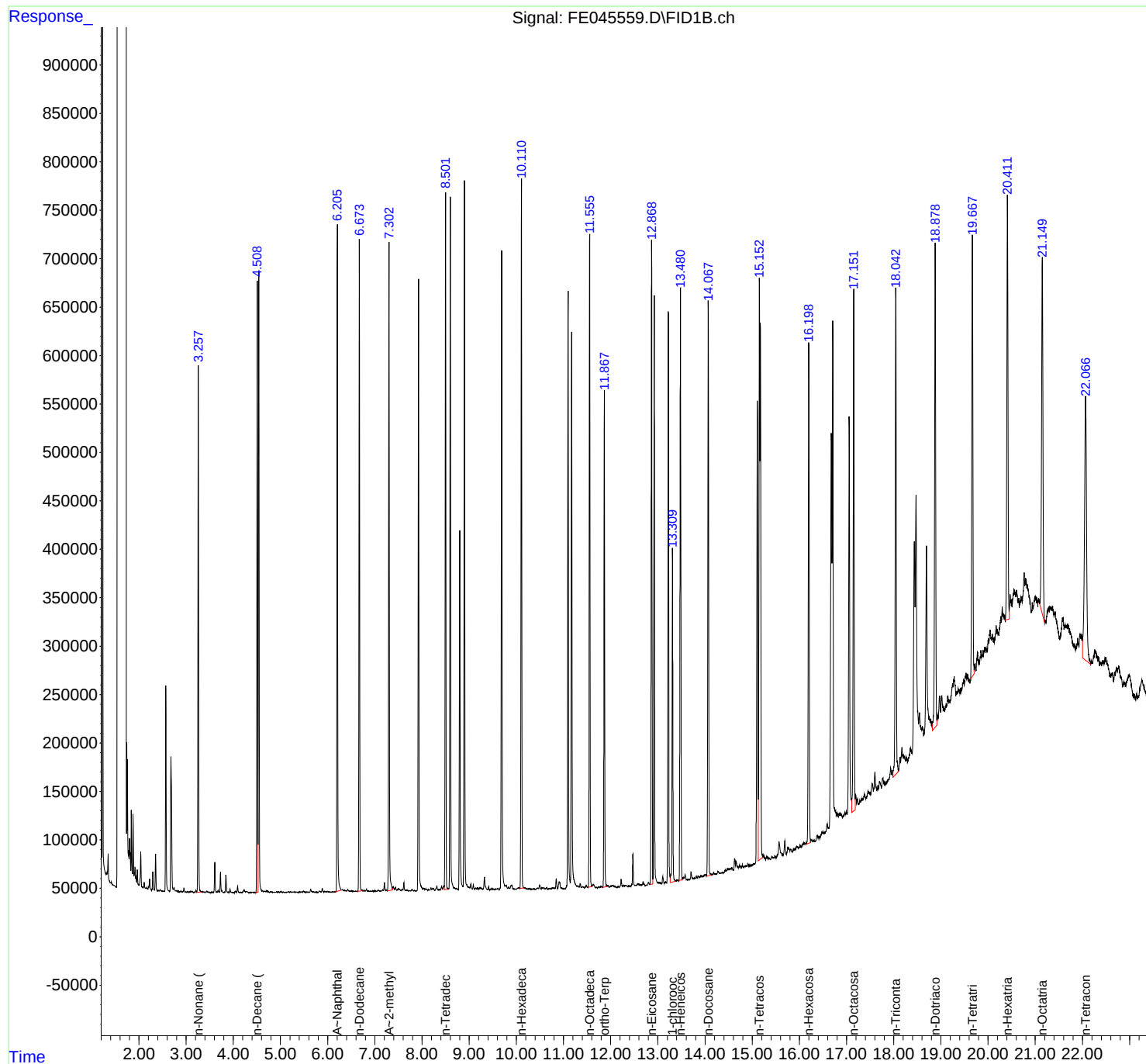
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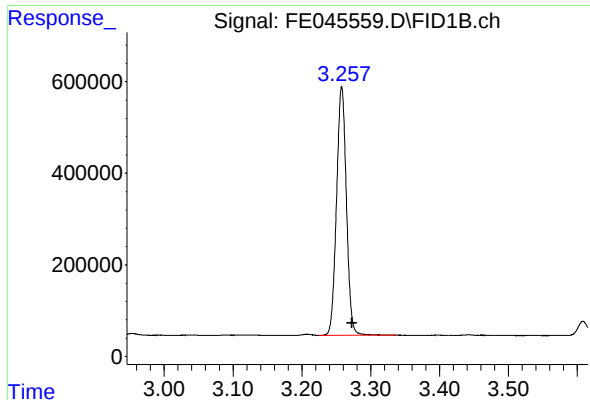
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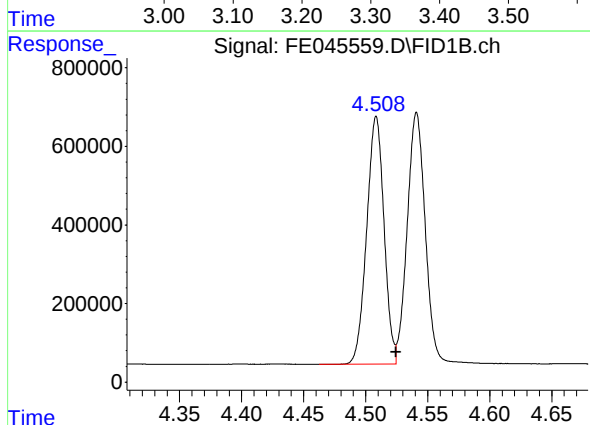
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.015 min
Response: 5411997
Conc: 32.76 ug/ml

Instrument :
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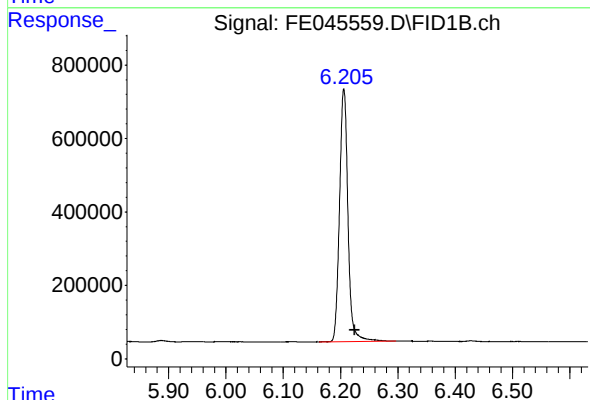
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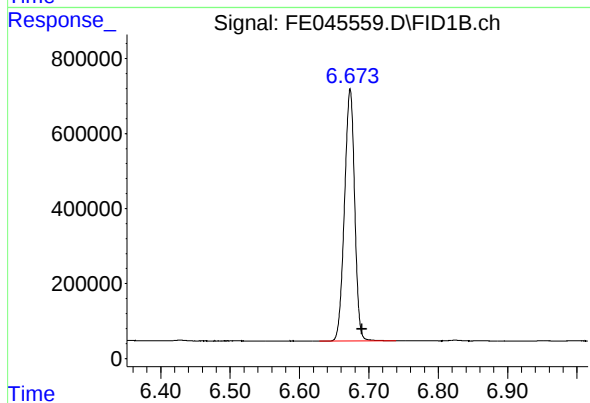
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: -0.016 min
Response: 6121375
Conc: 36.51 ug/ml



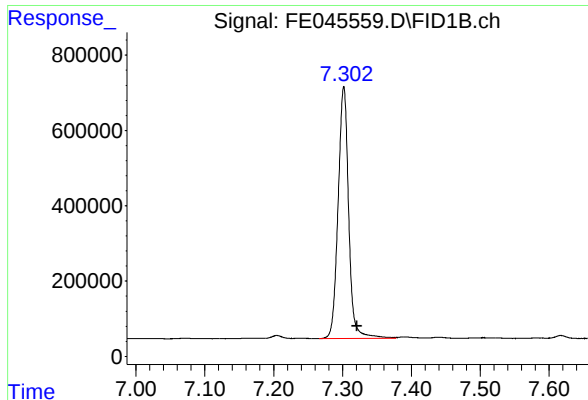
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.019 min
Response: 7035139
Conc: 39.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 6845022
Conc: 40.53 ug/ml



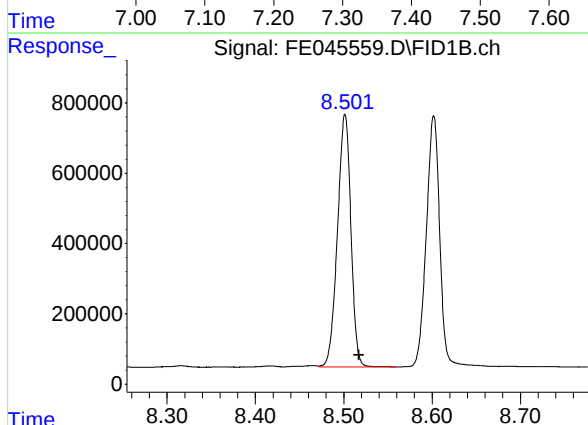
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.302 min
Delta R.T.: -0.019 min
Response: 7153436
Conc: 41.66 ug/ml

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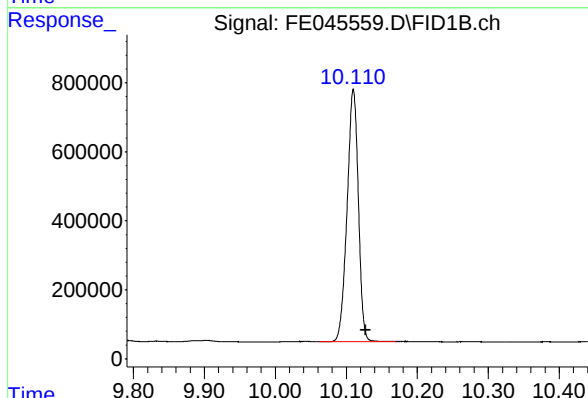
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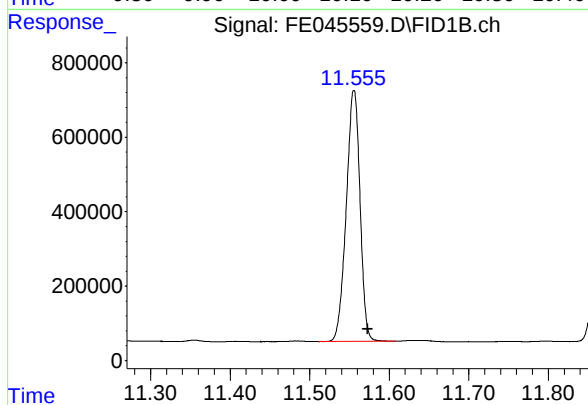
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.016 min
Response: 7599592
Conc: 45.60 ug/ml



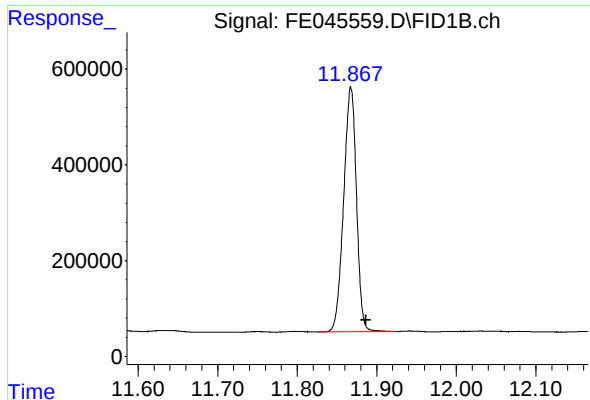
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.017 min
Response: 8047886
Conc: 47.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.017 min
Response: 8126726
Conc: 48.56 ug/ml



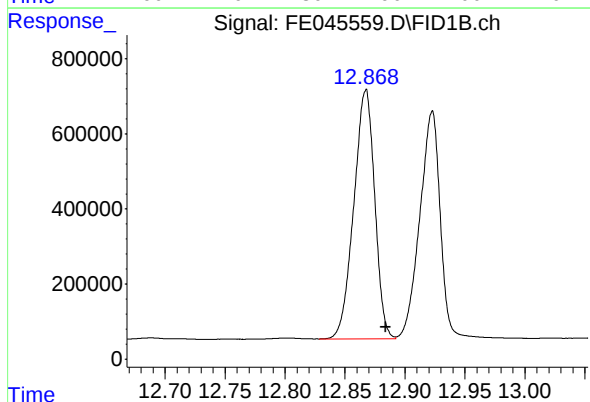
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.019 min
Response: 5731742
Conc: 30.02 ug/ml

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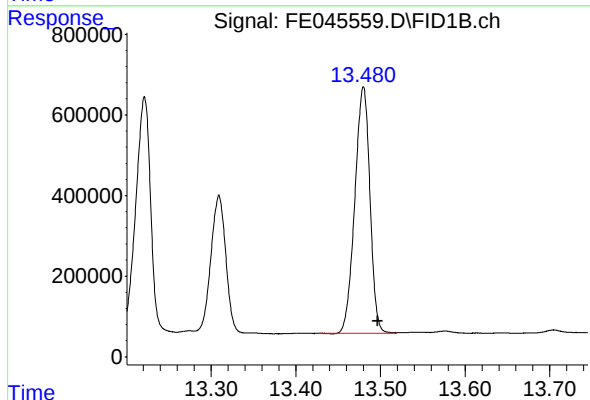
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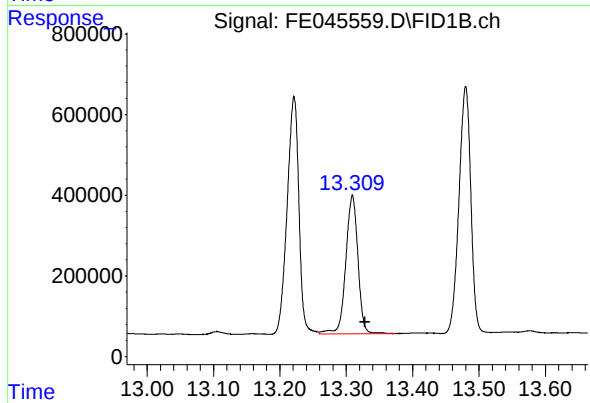
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.016 min
Response: 8041623
Conc: 50.76 ug/ml



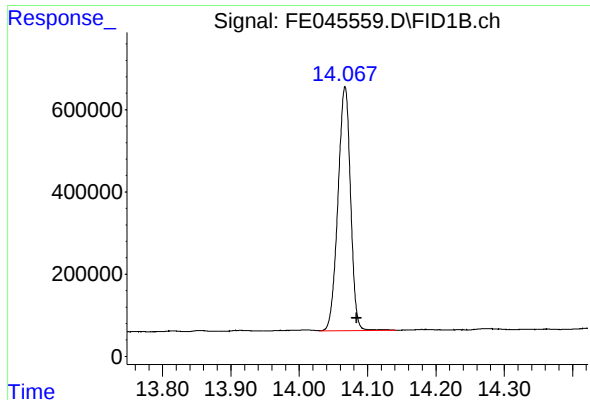
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.017 min
Response: 7585768
Conc: 49.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.019 min
Response: 4379095
Conc: 31.79 ug/ml



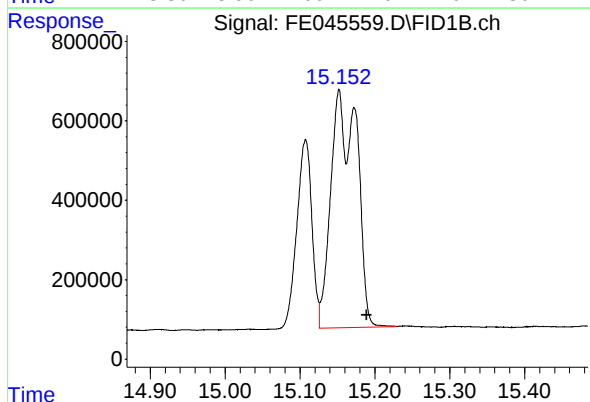
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.017 min
Response: 7589976
Conc: 50.09 ug/ml

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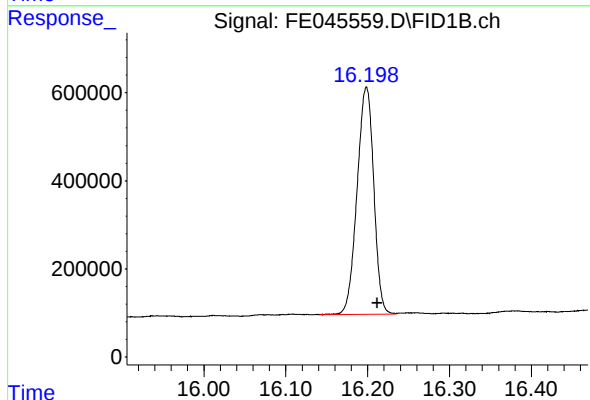
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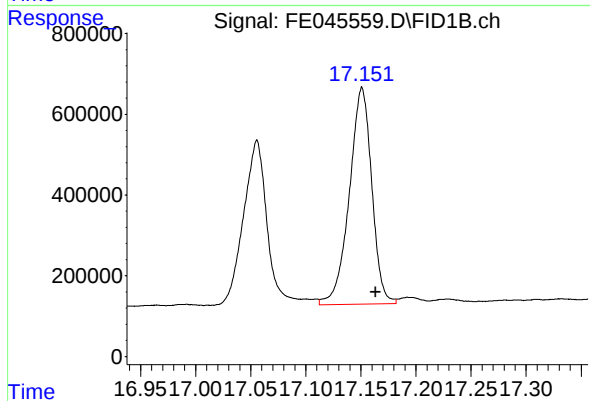
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.037 min
Response: 14373996
Conc: 97.05 ug/ml m



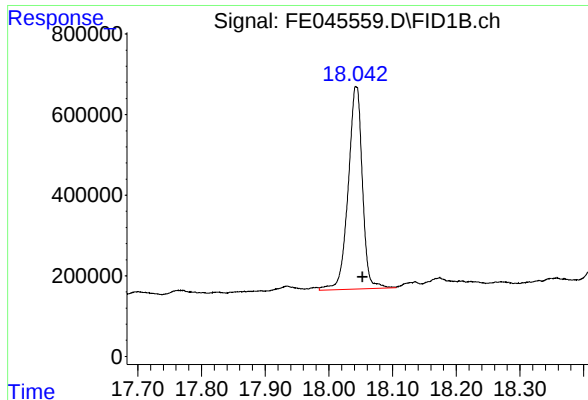
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: -0.013 min
Response: 7318748
Conc: 50.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: -0.013 min
Response: 7601678
Conc: 52.02 ug/ml



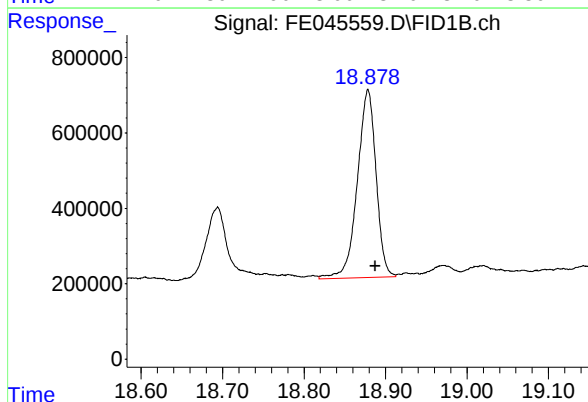
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 7779391
Conc: 51.21 ug/ml

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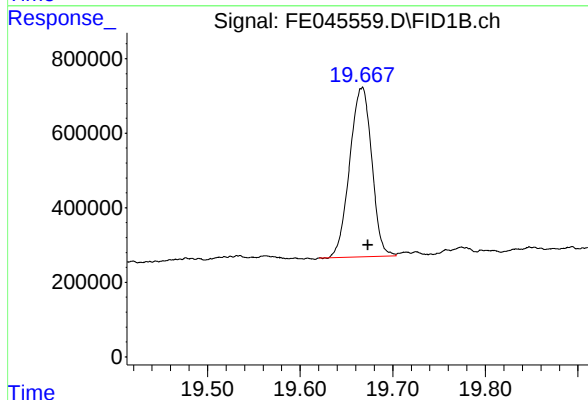
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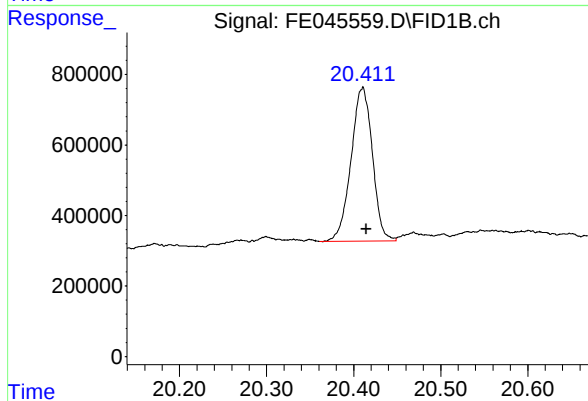
#18 n-Dotriacontane (C32)

R.T.: 18.879 min
Delta R.T.: -0.009 min
Response: 7973409
Conc: 51.04 ug/ml



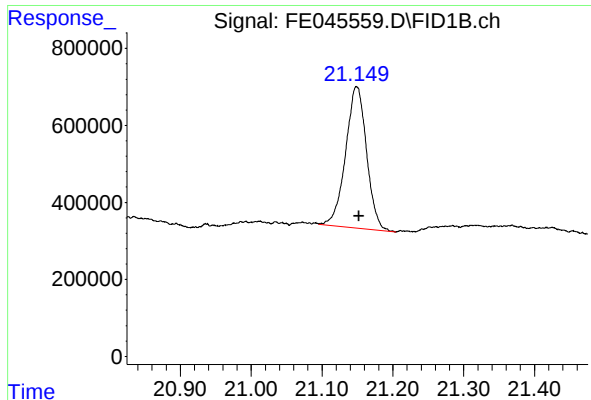
#19 n-Tetratriacontane (C34)

R.T.: 19.667 min
Delta R.T.: -0.006 min
Response: 7496582
Conc: 48.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.410 min
Delta R.T.: -0.005 min
Response: 7427707
Conc: 45.76 ug/ml



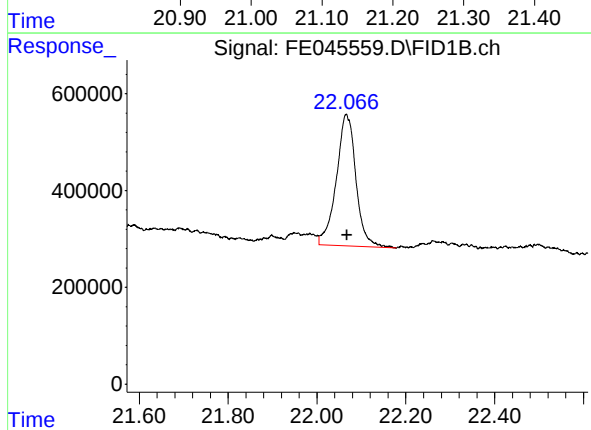
#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.003 min
Response: 7567358
Conc: 45.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.002 min
Response: 8330500
Conc: 48.77 ug/ml