

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120424AL\
 Data File : FE051531.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2024 15:39
 Operator : YP\AJ
 Sample : P5072-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-737MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File: autoint1.e
 Quant Time: Dec 05 00:13:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 2024
 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)	11.831	4616760	30.551 ug/mlm
Spiked Amount 50.000		Recovery =	61.10%
12) S 1-chlorooctadecane (S...	13.263	3849190	34.444 ug/ml
Spiked Amount 50.000		Recovery =	68.89%
Target Compounds			
1) T n-Nonane (C9)	3.221	4064563	29.002 ug/ml
2) T n-Decane (C10)	4.470	4776583	33.683 ug/ml
3) T A~Naphthalene (C11.7)	6.181	5211355	39.422 ug/mlm
4) T n-Dodecane (C12)	6.637	6149731	43.204 ug/ml
5) T A~2-methylnaphthalene...	7.279	6136053	51.149 ug/mlm
6) T n-Tetradecane (C14)	8.466	6342661	45.500 ug/mlm
7) T n-Hexadecane (C16)	10.070	7789099	54.821 ug/mlm
8) T n-Octadecane (C18)	11.511	6450324	44.884 ug/ml
10) T n-Eicosane (C20)	12.819	6826781	49.455 ug/ml
11) T n-Heneicosane (C21)	13.429	5794337	42.747 ug/mlm
13) T n-Docosane (C22)	14.013	5872209	43.855 ug/mlm
14) T n-Tetracosane (C24)	15.116	10865765	82.233 ug/mlm
15) T n-Hexacosane (C26)	16.135	5665288	43.688 ug/ml
16) T n-Octacosane (C28)	17.083	6553565	51.403 ug/ml
17) T n-Tricontane (C30)	17.971	5718540	44.165 ug/mlm
18) T n-Dotriacontane (C32)	18.801	5740898	45.858 ug/mlm
19) T n-Tetratriacontane (C34)	19.583	5581883	49.423 ug/ml
20) T n-Hexatriacontane (C36)	20.322	5447066	56.560 ug/ml
21) T n-Octatriacontane (C38)	21.043	5384407	59.140 ug/ml
22) T n-Tetracontane (C40)	21.915	5474652	62.470 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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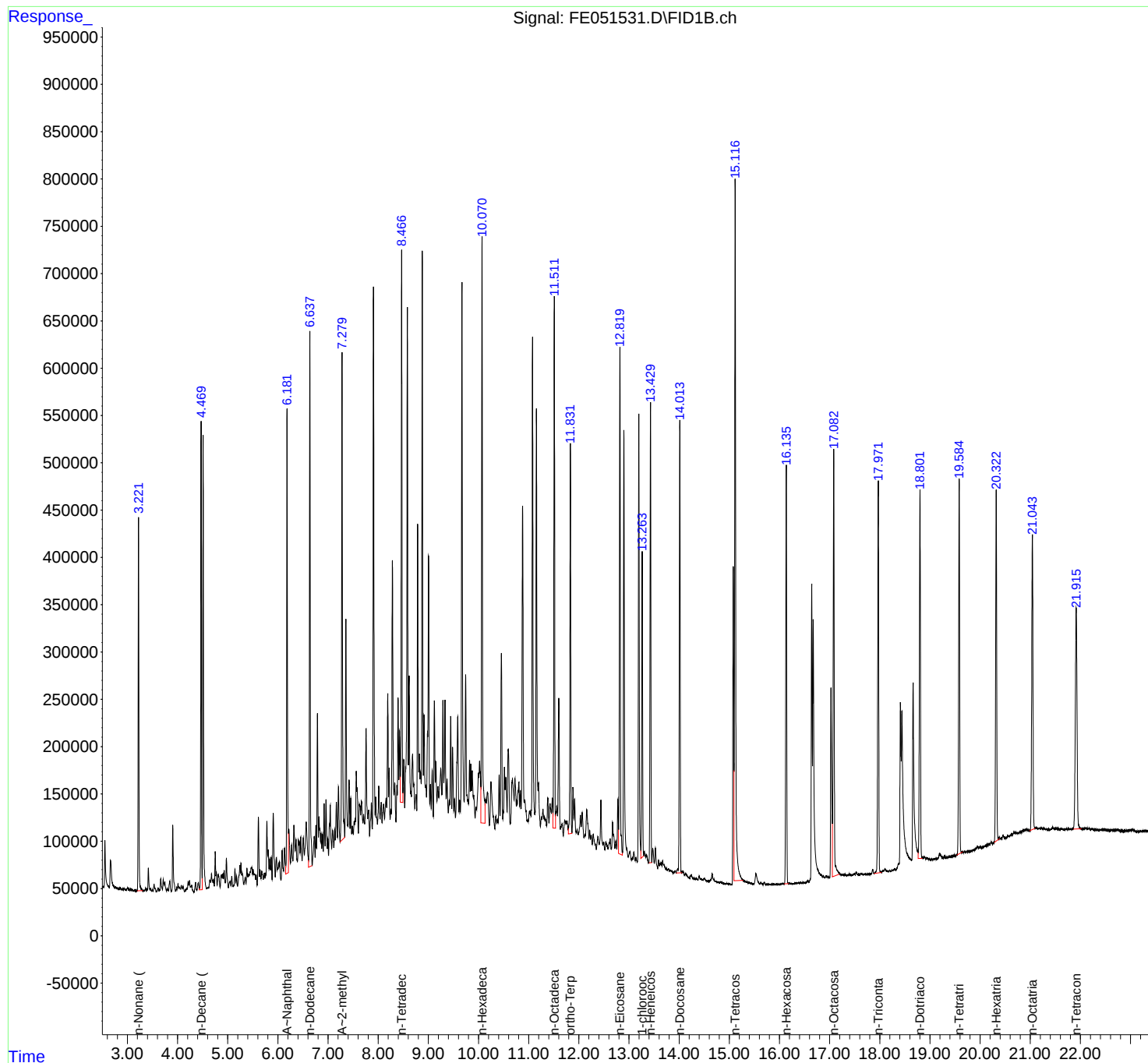
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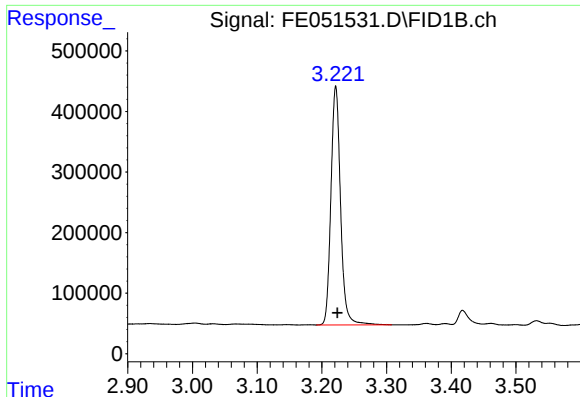
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#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 4064563
Conc: 29.00 ug/ml

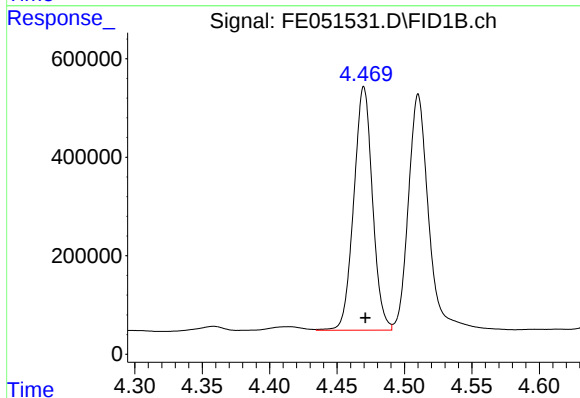
Instrument :

FID_E

ClientSampleId :
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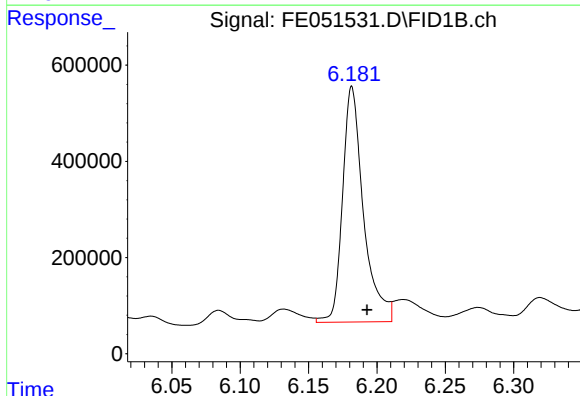
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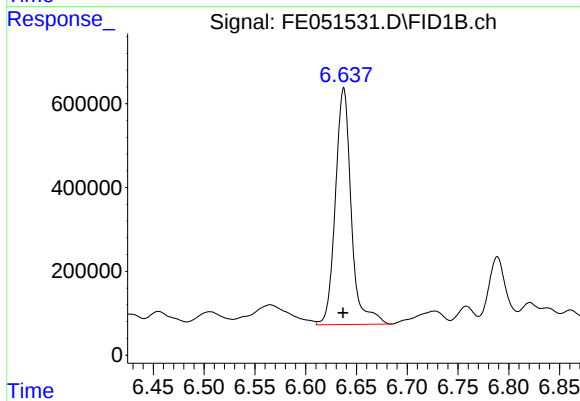
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.001 min
Response: 4776583
Conc: 33.68 ug/ml



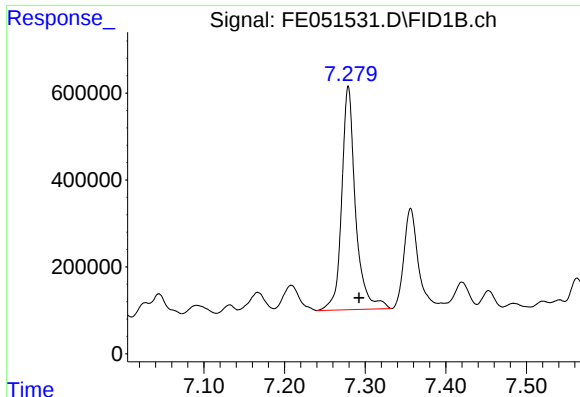
#3 A~Naphthalene (C11.7)

R.T.: 6.181 min
Delta R.T.: -0.011 min
Response: 5211355
Conc: 39.42 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.637 min
Delta R.T.: 0.000 min
Response: 6149731
Conc: 43.20 ug/ml



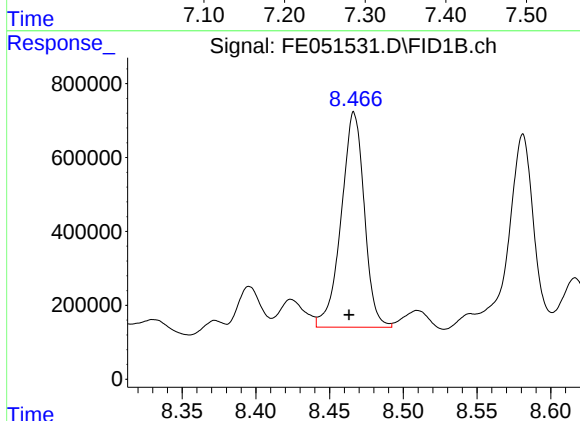
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.279 min
Delta R.T.: -0.014 min
Response: 6136053
Conc: 51.15 ug/ml

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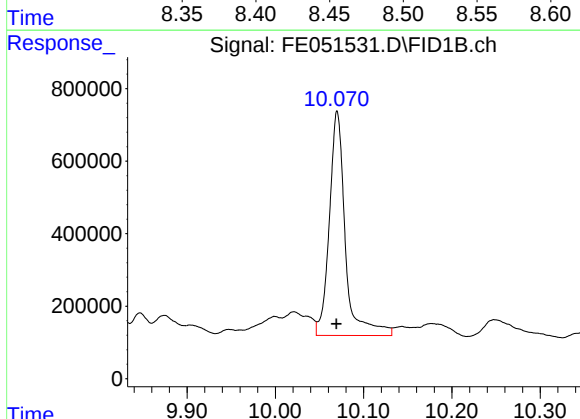
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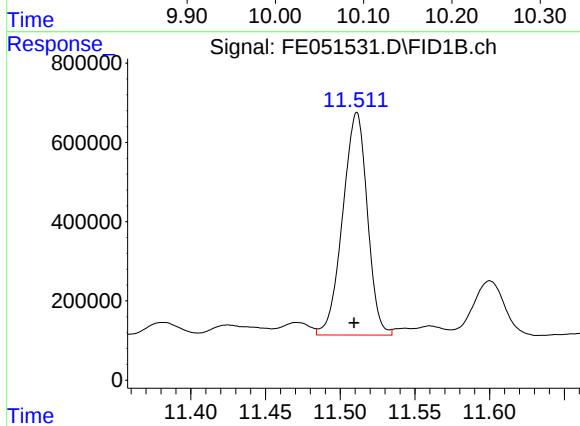
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: 0.003 min
Response: 6342661
Conc: 45.50 ug/ml m



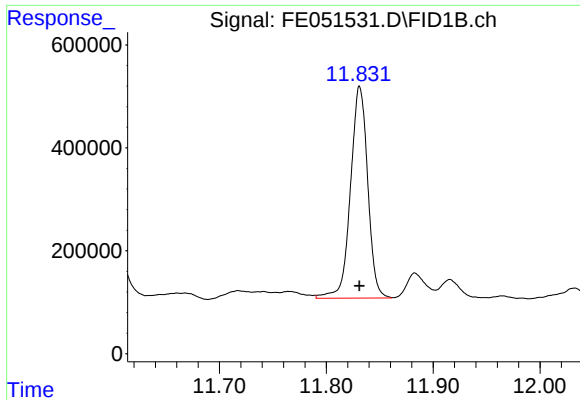
#7 n-Hexadecane (C16)

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 7789099
Conc: 54.82 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: 0.002 min
Response: 6450324
Conc: 44.88 ug/ml



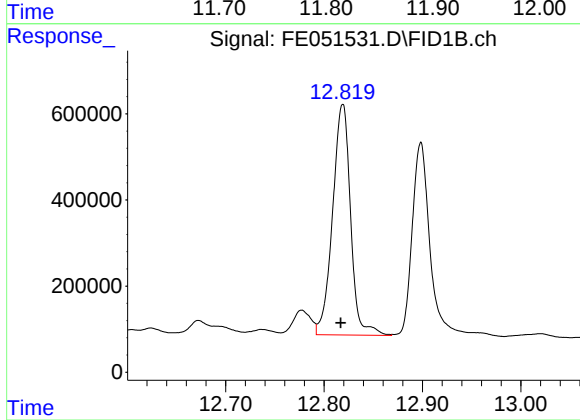
#9 ortho-Terphenyl (SURR)

R.T.: 11.831 min
Delta R.T.: 0.000 min
Response: 4616760
Conc: 30.55 ug/ml

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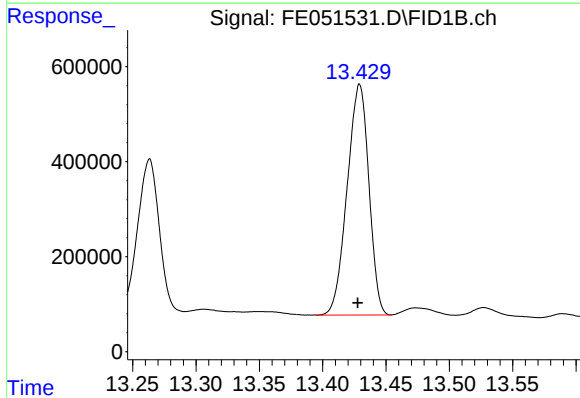
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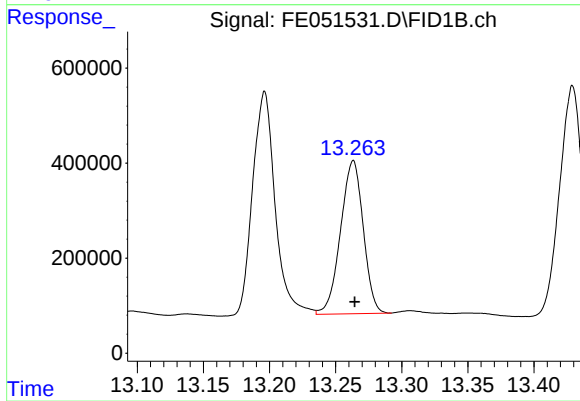
#10 n-Eicosane (C20)

R.T.: 12.819 min
Delta R.T.: 0.002 min
Response: 6826781
Conc: 49.45 ug/ml



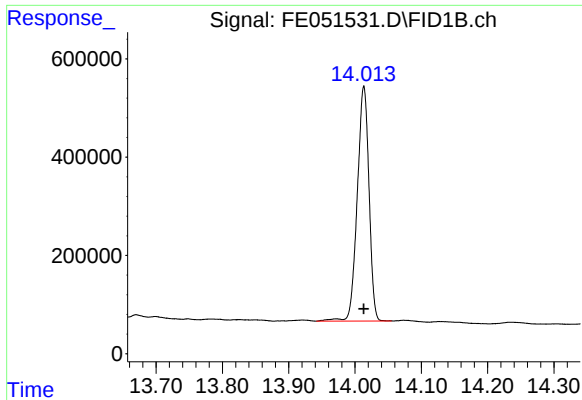
#11 n-Heneicosane (C21)

R.T.: 13.429 min
Delta R.T.: 0.000 min
Response: 5794337
Conc: 42.75 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.263 min
Delta R.T.: -0.001 min
Response: 3849190
Conc: 34.44 ug/ml



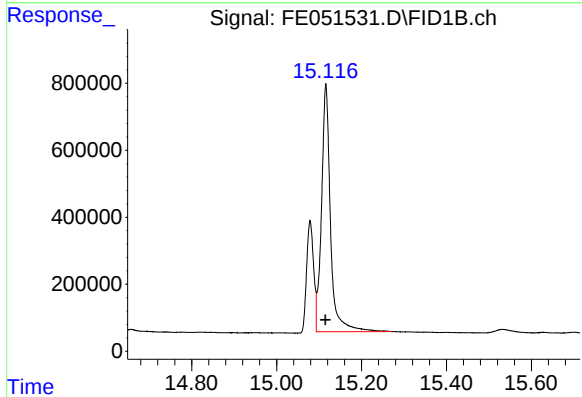
#13 n-Docosane (C22)

R.T.: 14.013 min
Delta R.T.: 0.000 min
Response: 5872209
Conc: 43.85 ug/ml

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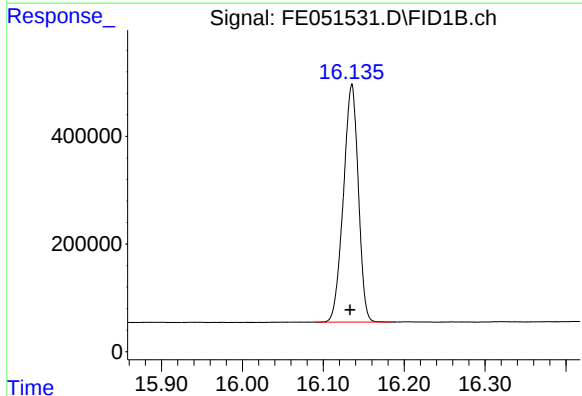
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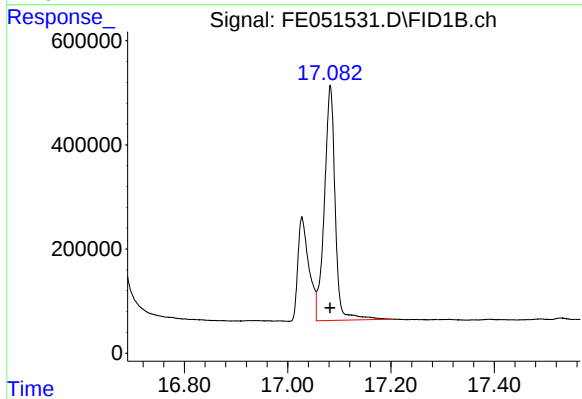
#14 n-Tetracosane (C24)

R.T.: 15.116 min
Delta R.T.: 0.001 min
Response: 10865765
Conc: 82.23 ug/ml m



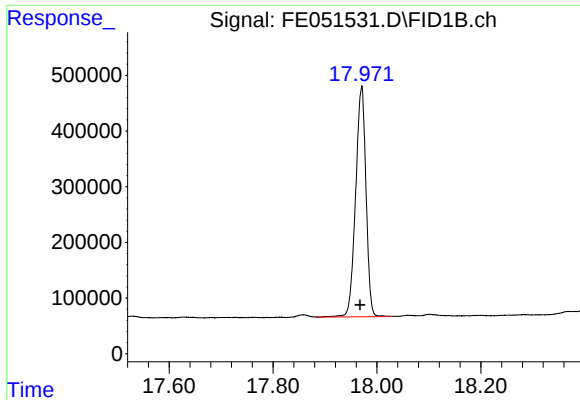
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: 0.002 min
Response: 5665288
Conc: 43.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: 0.000 min
Response: 6553565
Conc: 51.40 ug/ml



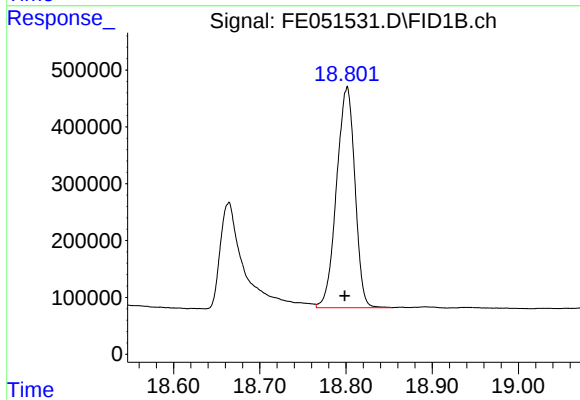
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: 0.003 min
Response: 5718540
Conc: 44.16 ug/ml

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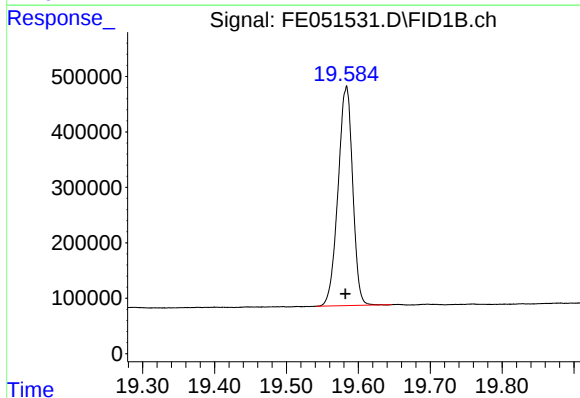
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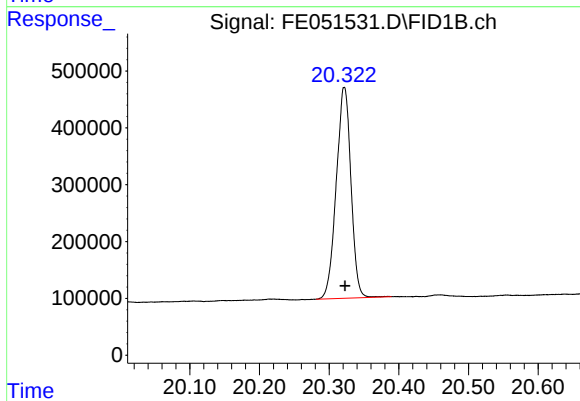
#18 n-Dotriacontane (C32)

R.T.: 18.801 min
Delta R.T.: 0.003 min
Response: 5740898
Conc: 45.86 ug/ml m



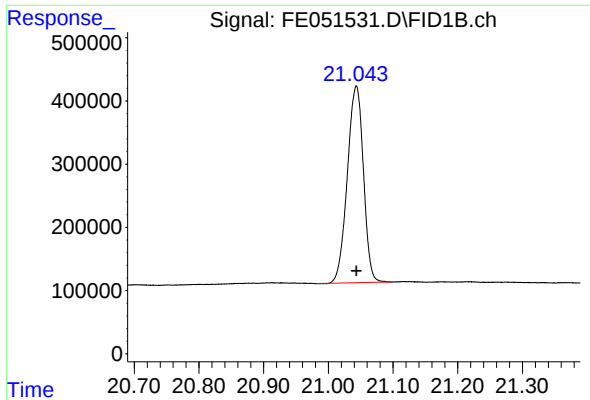
#19 n-Tetratriacontane (C34)

R.T.: 19.583 min
Delta R.T.: 0.001 min
Response: 5581883
Conc: 49.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.322 min
Delta R.T.: -0.001 min
Response: 5447066
Conc: 56.56 ug/ml



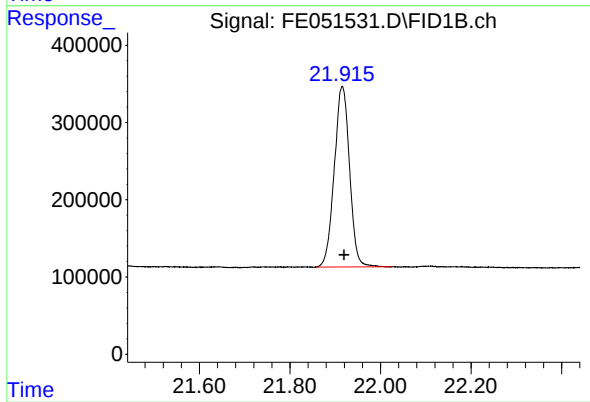
#21 n-Octatriacontane (C38)

R.T.: 21.043 min
Delta R.T.: 0.000 min
Response: 5384407
Conc: 59.14 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.915 min
Delta R.T.: -0.004 min
Response: 5474652
Conc: 62.47 ug/ml