

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE073024AL\
 Data File : FE049313.D
 Signal(s) : FID1B.ch
 Acq On : 30 Jul 2024 16:21
 Operator : YP\AJ
 Sample : P3372-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-07252024MSD

Integration File: sample.E
 Quant Time: Jul 31 01:21:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.908	4700242	30.304 ug/ml
Spiked Amount 50.000		Recovery =	60.61%
12) S 1-chlorooctadecane (S...	13.344	3926241	33.605 ug/ml
Spiked Amount 50.000		Recovery =	67.21%
Target Compounds			
1) T n-Nonane (C9)	3.292	3373166	22.430 ug/ml
2) T n-Decane (C10)	4.544	3948582	25.565 ug/ml
3) T A~Naphthalene (C11.7)	6.251	4573621	29.355 ug/ml
4) T n-Dodecane (C12)	6.711	4247693	27.586 ug/ml
5) T A~2-methylnaphthalene...	7.347	4771700	32.789 ug/ml
6) T n-Tetradecane (C14)	8.540	4751692	31.308 ug/ml
7) T n-Hexadecane (C16)	10.147	5080264	33.499 ug/ml
8) T n-Octadecane (C18)	11.589	5182310	34.132 ug/ml
10) T n-Eicosane (C20)	12.899	5311454	36.730 ug/ml
11) T n-Heneicosane (C21)	13.510	5141821	36.259 ug/ml
13) T n-Docosane (C22)	14.097	5176779	36.847 ug/ml
14) T n-Tetracosane (C24)	15.194	9340207	66.644 ug/ml
15) T n-Hexacosane (C26)	16.221	5173780	36.897 ug/ml
16) T n-Octacosane (C28)	17.170	5472811	39.101 ug/ml
17) T n-Tricontane (C30)	18.060	5392948	36.970 ug/ml
18) T n-Dotriacontane (C32)	18.892	5447901	37.051 ug/ml
19) T n-Tetratriacontane (C34)	19.677	5871920	40.200 ug/ml
20) T n-Hexatriacontane (C36)	20.417	5437176	37.717 ug/ml
21) T n-Octatriacontane (C38)	21.151	6060403	40.486 ug/ml
22) T n-Tetracontane (C40)	22.060	5729320	37.966 ug/ml

(f)=RT Delta > 1/2 Window

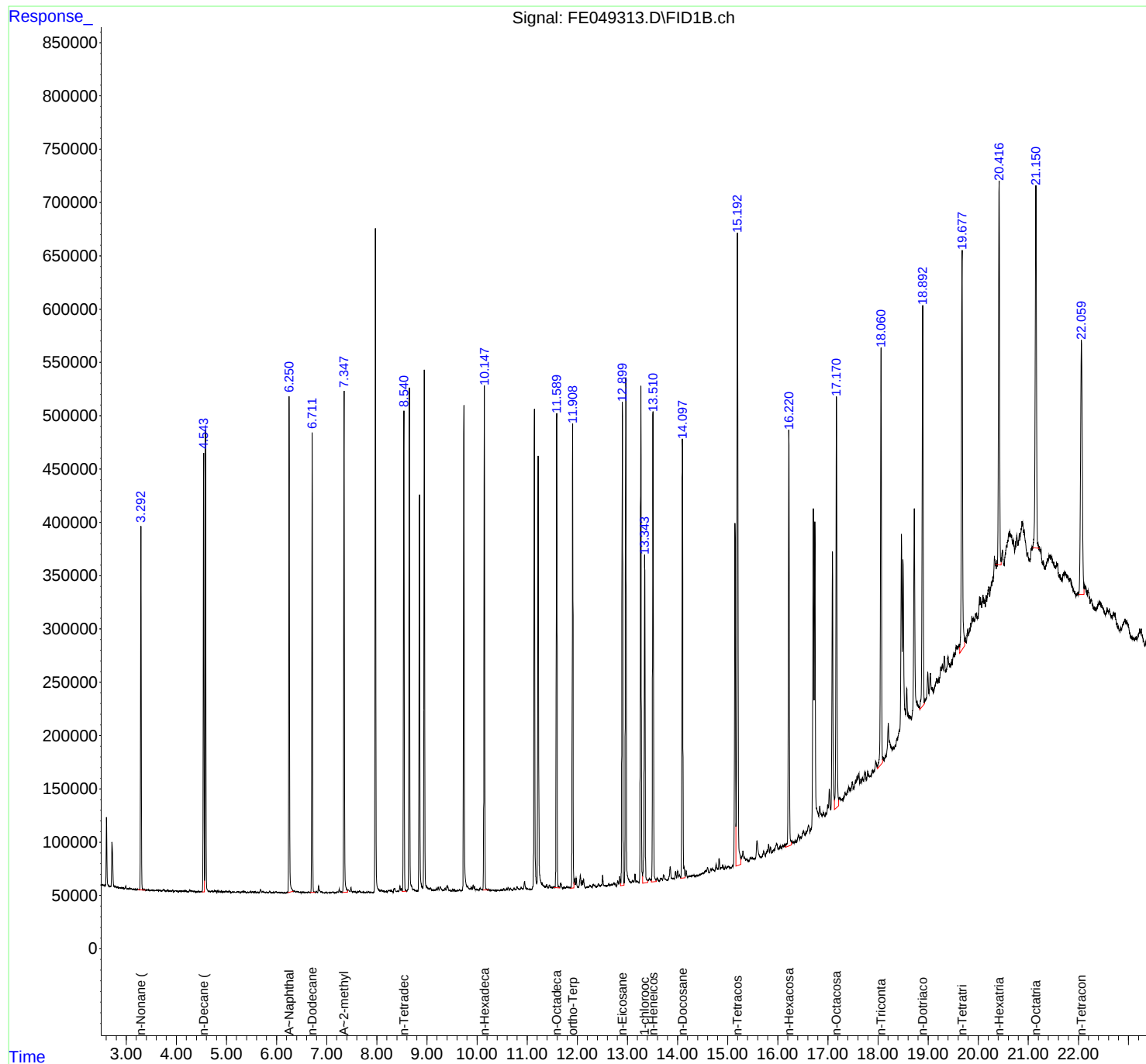
(m)=manual int.

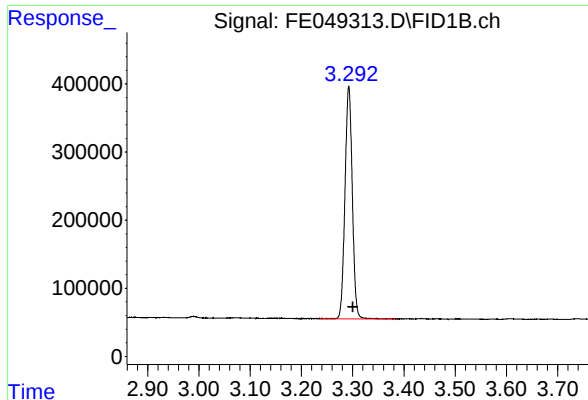
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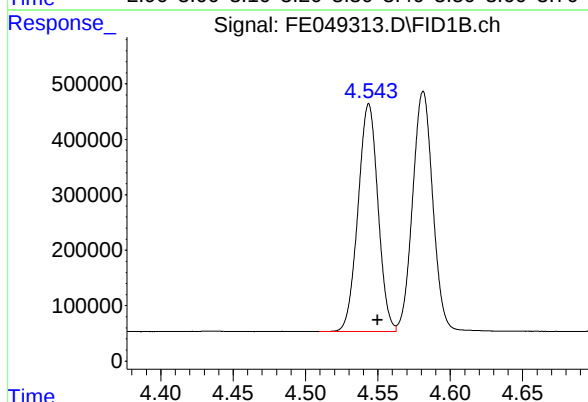




#1 n-Nonane (C9)

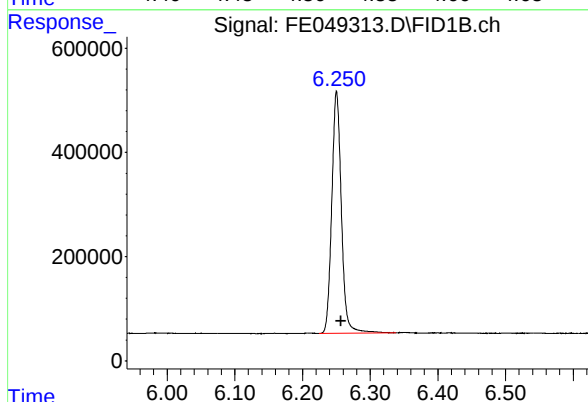
R.T.: 3.292 min
Delta R.T.: -0.009 min
Response: 3373166
Conc: 22.43 ug/ml

Instrument :
FID_E
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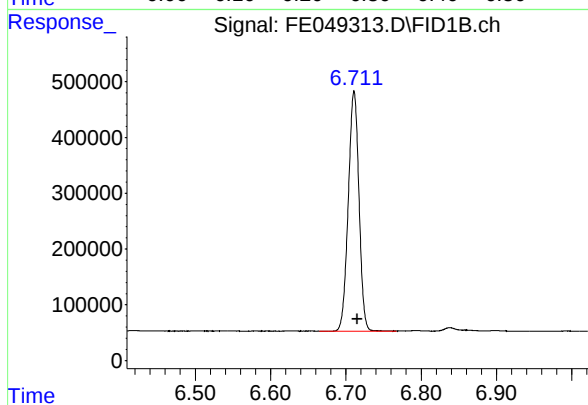
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.006 min
Response: 3948582
Conc: 25.57 ug/ml



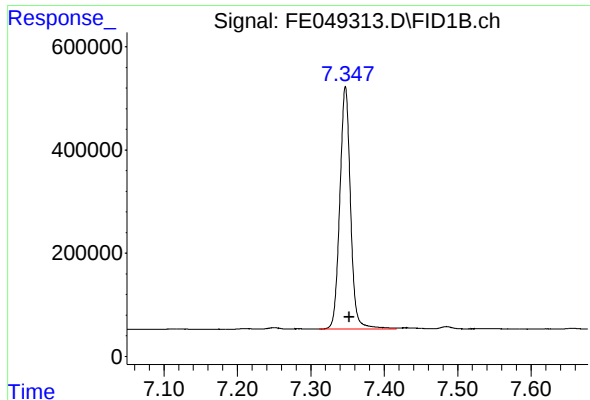
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.006 min
Response: 4573621
Conc: 29.36 ug/ml



#4 n-Dodecane (C12)

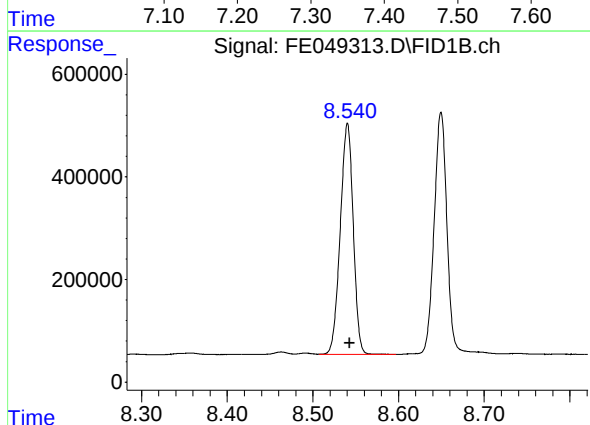
R.T.: 6.711 min
Delta R.T.: -0.004 min
Response: 4247693
Conc: 27.59 ug/ml



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

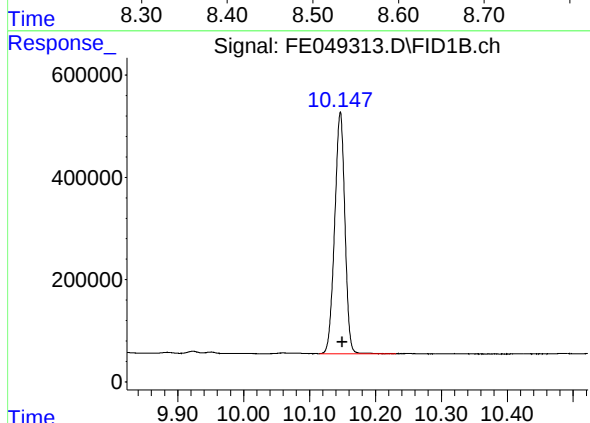
R.T.: 7.347 min
Delta R.T.: -0.005 min
Response: 4771700
Conc: 32.79 ug/ml

Instrument :
FID_E
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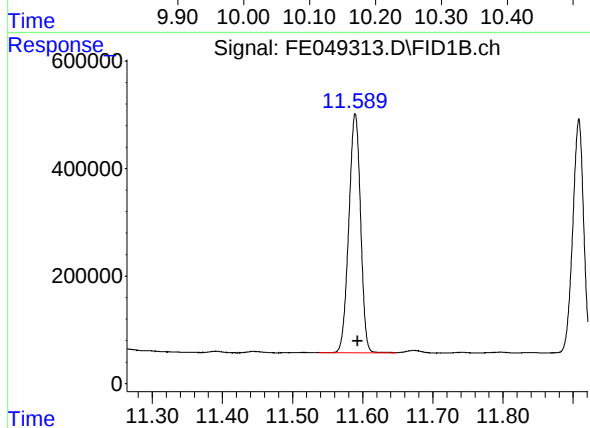
#6 n-Tetradecane (C14)

R.T.: 8.540 min
Delta R.T.: -0.003 min
Response: 4751692
Conc: 31.31 ug/ml



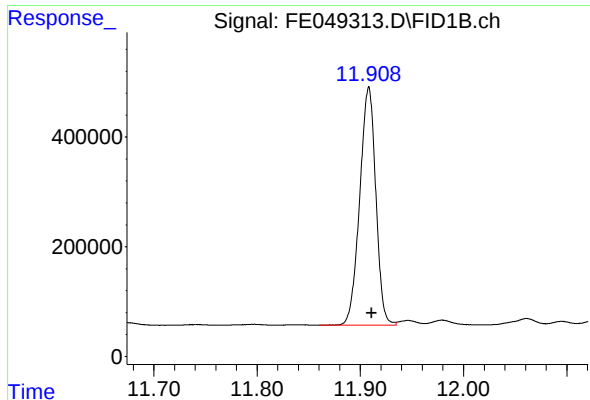
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.003 min
Response: 5080264
Conc: 33.50 ug/ml



#8 n-Octadecane (C18)

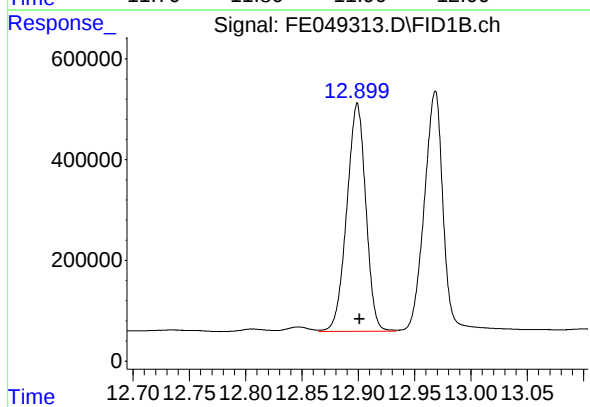
R.T.: 11.589 min
Delta R.T.: -0.003 min
Response: 5182310
Conc: 34.13 ug/ml



#9 ortho-Terphenyl (SURR)

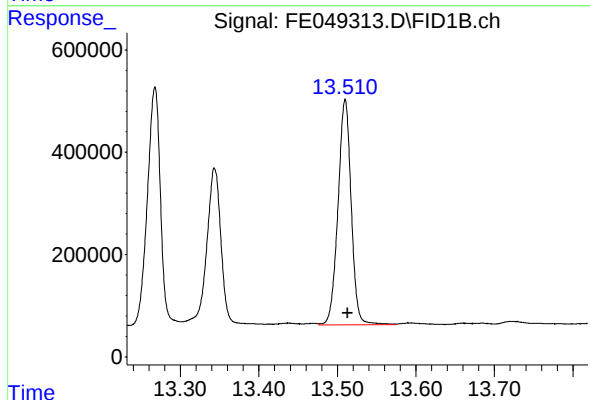
R.T.: 11.908 min
Delta R.T.: -0.003 min
Response: 4700242
Conc: 30.30 ug/ml

Instrument :
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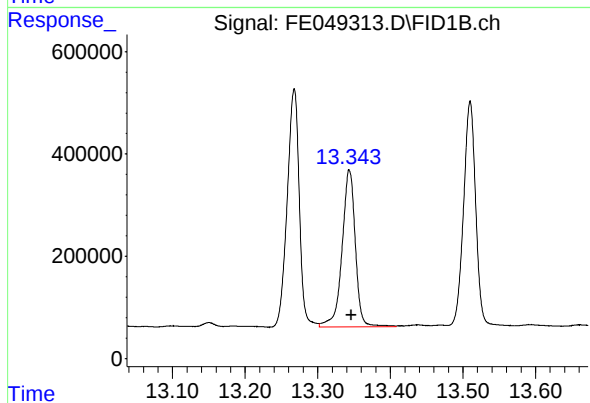
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.002 min
Response: 5311454
Conc: 36.73 ug/ml



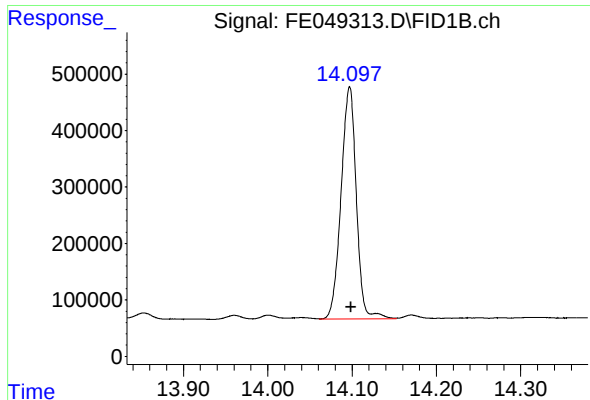
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: -0.003 min
Response: 5141821
Conc: 36.26 ug/ml



#12 1-chlorooctadecane (SURR)

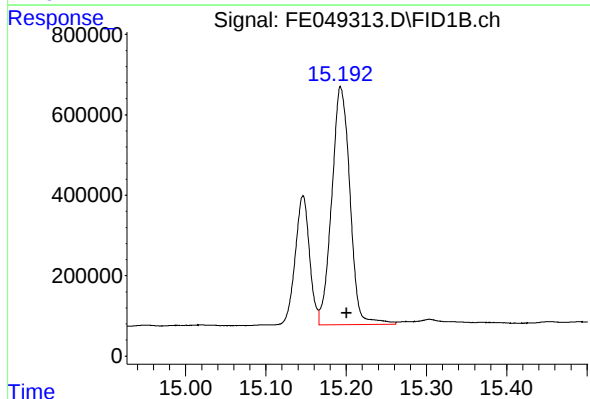
R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 3926241
Conc: 33.60 ug/ml



#13 n-Docosane (C22)

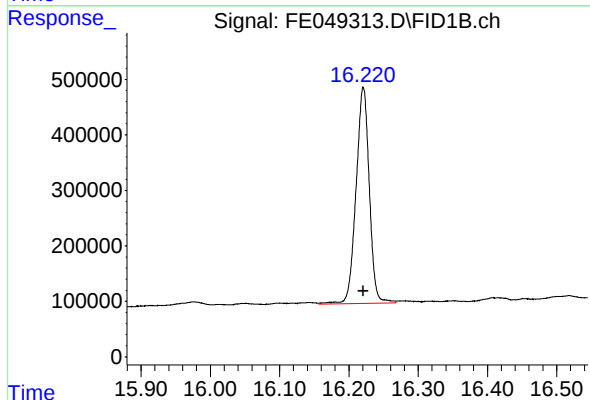
R.T.: 14.097 min
Delta R.T.: -0.002 min
Response: 5176779
Conc: 36.85 ug/ml

Instrument :
FID_E
ClientSampleId :
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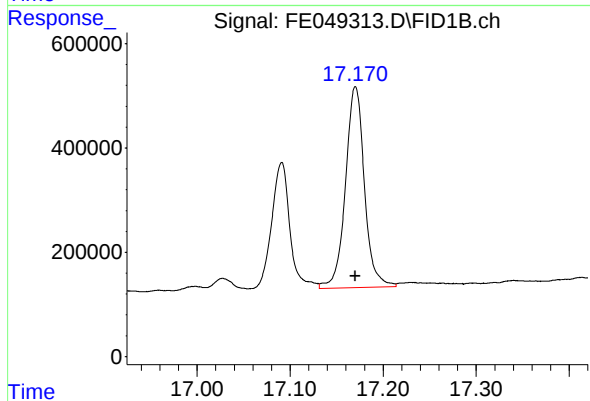
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.007 min
Response: 9340207
Conc: 66.64 ug/ml



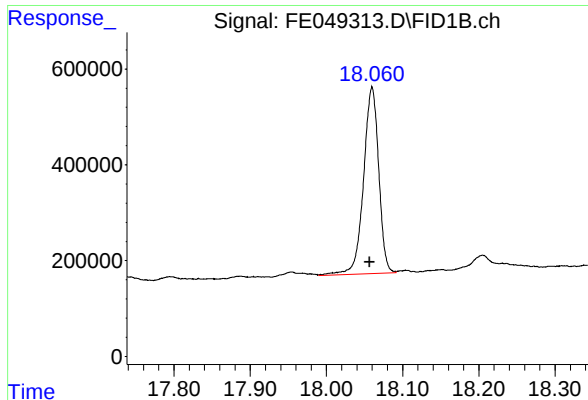
#15 n-Hexacosane (C26)

R.T.: 16.221 min
Delta R.T.: 0.000 min
Response: 5173780
Conc: 36.90 ug/ml



#16 n-Octacosane (C28)

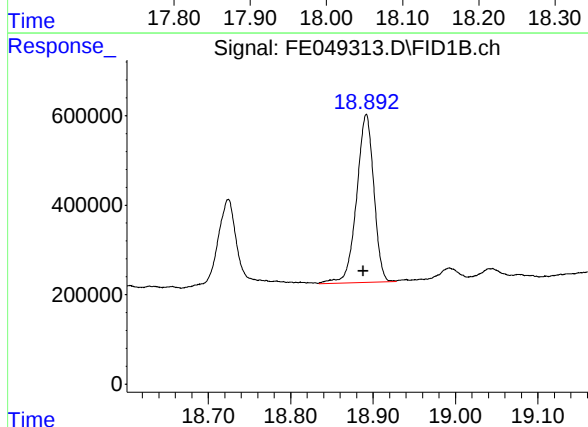
R.T.: 17.170 min
Delta R.T.: 0.000 min
Response: 5472811
Conc: 39.10 ug/ml



#17 n-Tricontane (C30)

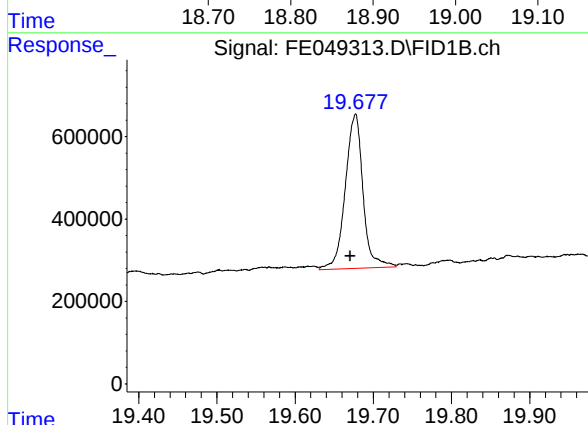
R.T.: 18.060 min
Delta R.T.: 0.003 min
Response: 5392948
Conc: 36.97 ug/ml

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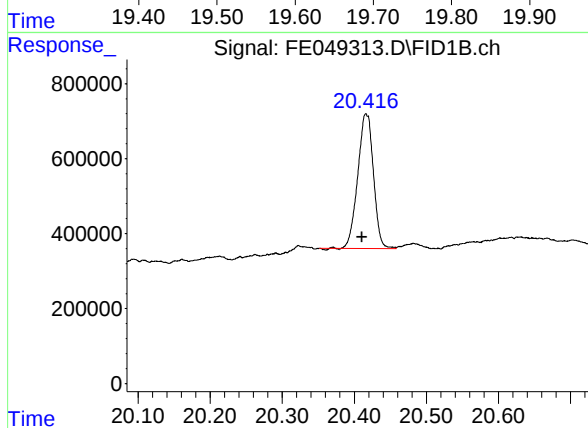
#18 n-Dotriacontane (C32)

R.T.: 18.892 min
Delta R.T.: 0.003 min
Response: 5447901
Conc: 37.05 ug/ml



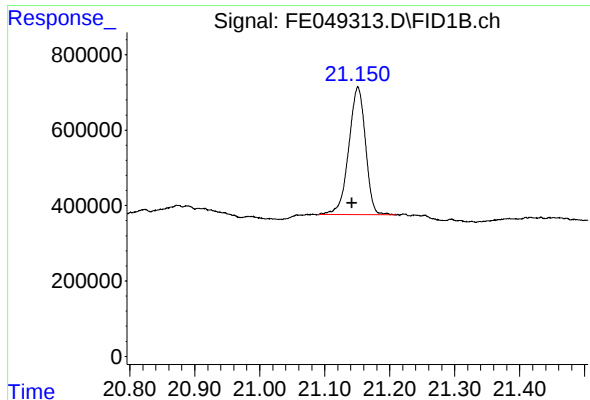
#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: 0.006 min
Response: 5871920
Conc: 40.20 ug/ml



#20 n-Hexatriacontane (C36)

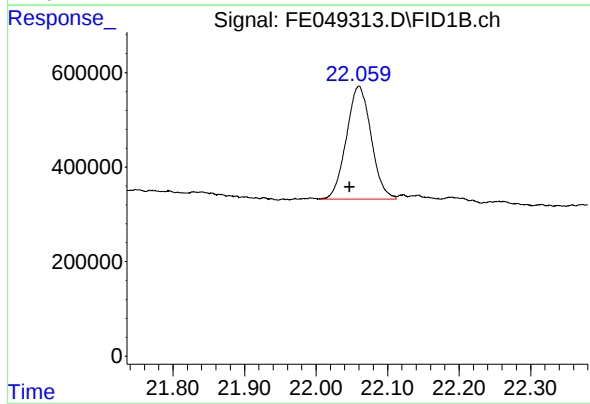
R.T.: 20.417 min
Delta R.T.: 0.006 min
Response: 5437176
Conc: 37.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: 0.009 min
Response: 6060403
Conc: 40.49 ug/ml

Instrument :
FID_E
ClientSampleId :
OR-03-07252024MSD



#22 n-Tetracontane (C40)

R.T.: 22.060 min
Delta R.T.: 0.013 min
Response: 5729320
Conc: 37.97 ug/ml