

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054930.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 16:57
 Operator : YP\AJ
 Sample : Q2618-08MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MS

Integration File: autoint1.e
 Quant Time: Jul 18 23:11:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.087	5305958	32.673 ug/ml
Spiked Amount 50.000		Recovery =	65.35%
12) S 1-chlorooctadecane (S...	13.524	4163893	32.970 ug/ml
Spiked Amount 50.000		Recovery =	65.94%
Target Compounds			
1) T n-Nonane (C9)	3.439	4465584	33.199 ug/ml
2) T n-Decane (C10)	4.690	4726636	34.640 ug/ml
3) T A~Naphthalene (C11.7)	6.406	5660236	37.383 ug/ml
4) T n-Dodecane (C12)	6.861	4925453	35.898 ug/ml
5) T A~2-methylnaphthalene...	7.505	5245154	35.680 ug/ml
6) T n-Tetradecane (C14)	8.697	4952547	35.726 ug/ml
7) T n-Hexadecane (C16)	10.311	4992510	35.033 ug/ml
8) T n-Octadecane (C18)	11.761	5016871	34.232 ug/ml
10) T n-Eicosane (C20)	13.076	5043041	35.071 ug/ml
11) T n-Heneicosane (C21)	13.689	4768409	33.385 ug/ml
13) T n-Docosane (C22)	14.278	4735610	33.165 ug/ml
14) T n-Tetracosane (C24)	15.384	9768076	67.197 ug/ml
15) T n-Hexacosane (C26)	16.409	4583081	31.670 ug/ml
16) T n-Octacosane (C28)	17.359	4554046	31.248 ug/ml
17) T n-Tricontane (C30)	18.249	4661516	29.581 ug/ml
18) T n-Dotriacontane (C32)	19.083	4679095	28.921 ug/ml
19) T n-Tetratriacontane (C34)	19.868	4883576	32.046 ug/ml
20) T n-Hexatriacontane (C36)	20.609	4800547	35.704 ug/ml
21) T n-Octatriacontane (C38)	21.389	5118710	43.644 ug/ml
22) T n-Tetracontane (C40)	22.381	5115961	47.202 ug/ml

(f)=RT Delta > 1/2 Window

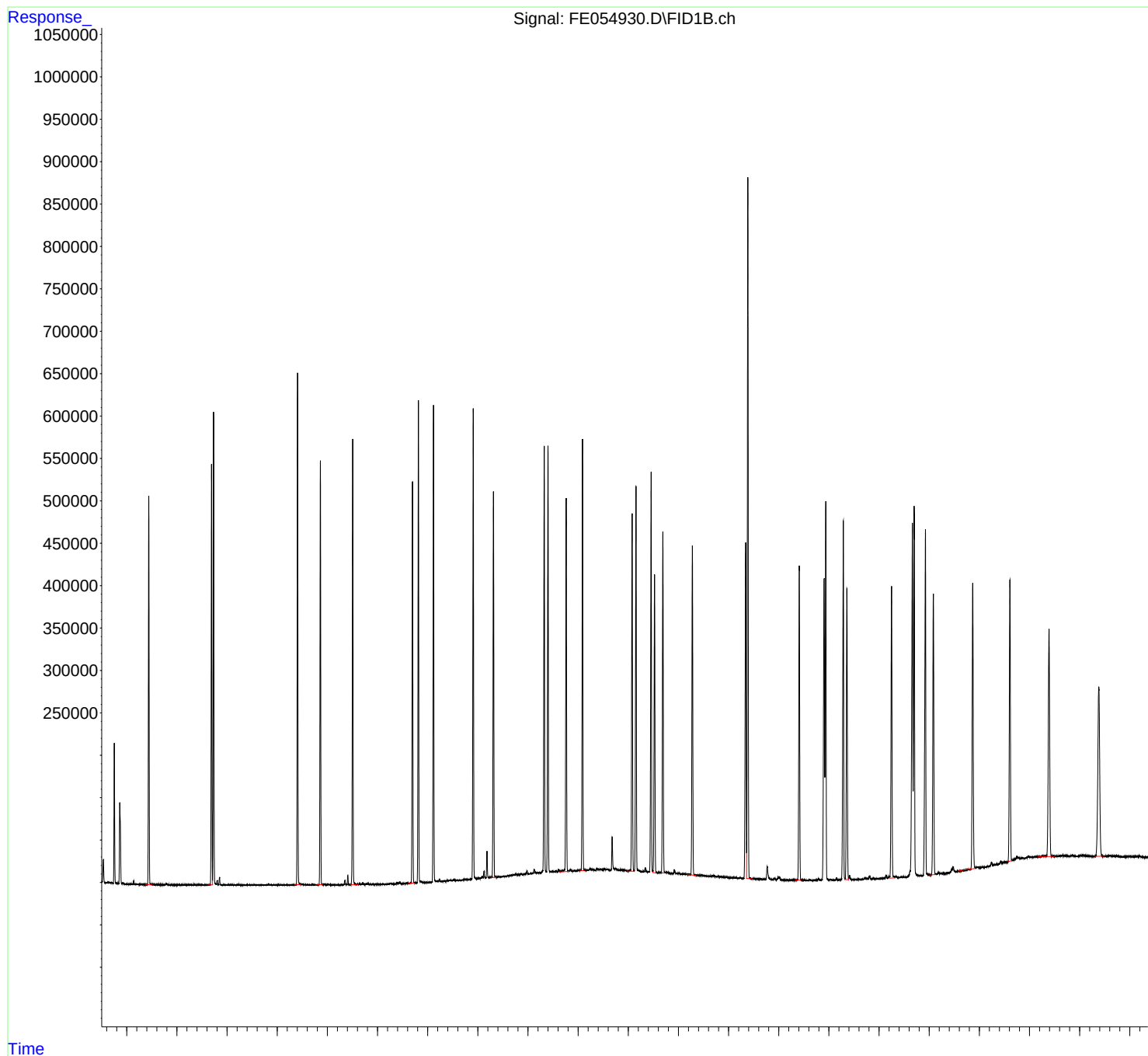
(m)=manual int.

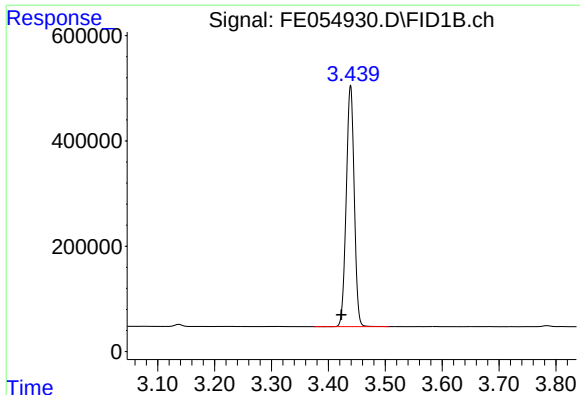
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Signal Info : 20M x 0.18mm x 0.18um

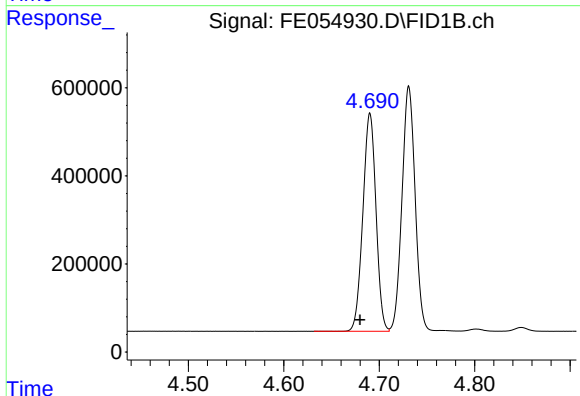




#1 n-Nonane (C9)

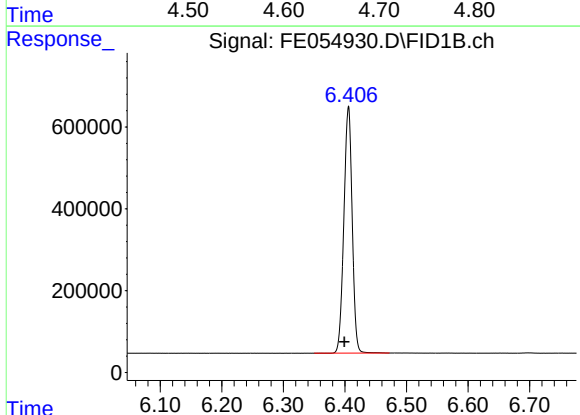
R.T.: 3.439 min
Delta R.T.: 0.016 min
Response: 4465584
Conc: 33.20 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS



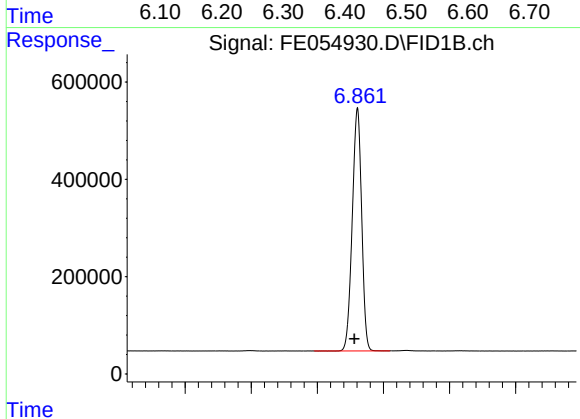
#2 n-Decane (C10)

R.T.: 4.690 min
Delta R.T.: 0.010 min
Response: 4726636
Conc: 34.64 ug/ml



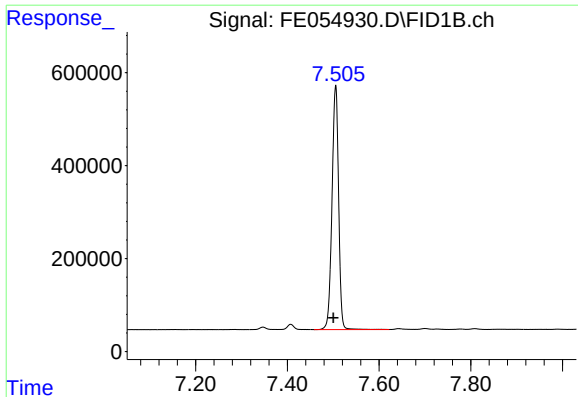
#3 A~Naphthalene (C11.7)

R.T.: 6.406 min
Delta R.T.: 0.007 min
Response: 5660236
Conc: 37.38 ug/ml



#4 n-Dodecane (C12)

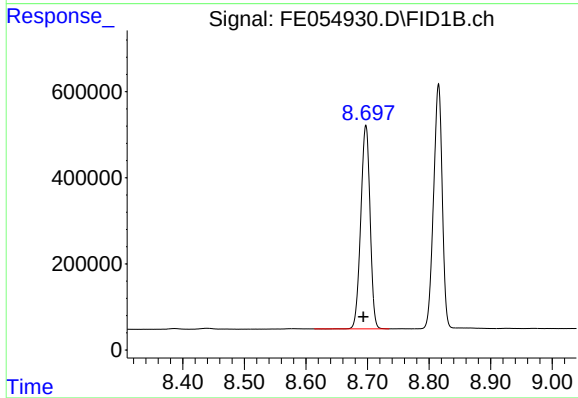
R.T.: 6.861 min
Delta R.T.: 0.004 min
Response: 4925453
Conc: 35.90 ug/ml



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

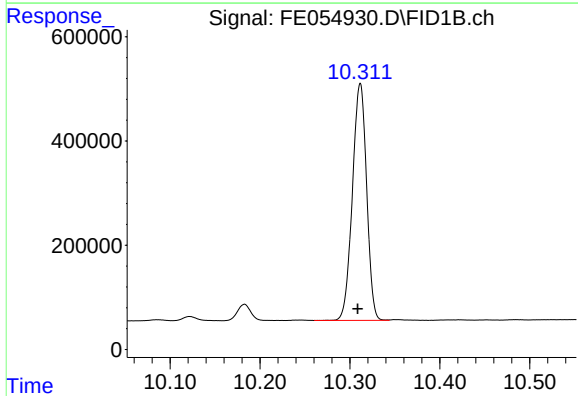
R.T.: 7.505 min
Delta R.T.: 0.005 min
Response: 5245154
Conc: 35.68 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS



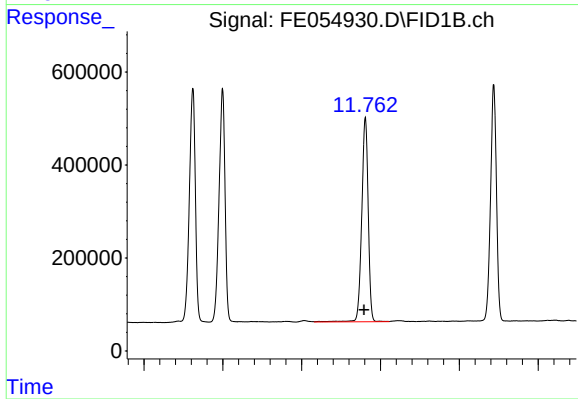
#6 n-Tetradecane (C14)

R.T.: 8.697 min
Delta R.T.: 0.004 min
Response: 4952547
Conc: 35.73 ug/ml



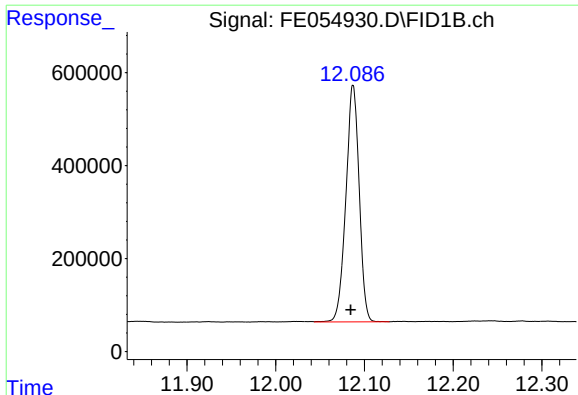
#7 n-Hexadecane (C16)

R.T.: 10.311 min
Delta R.T.: 0.003 min
Response: 4992510
Conc: 35.03 ug/ml



#8 n-Octadecane (C18)

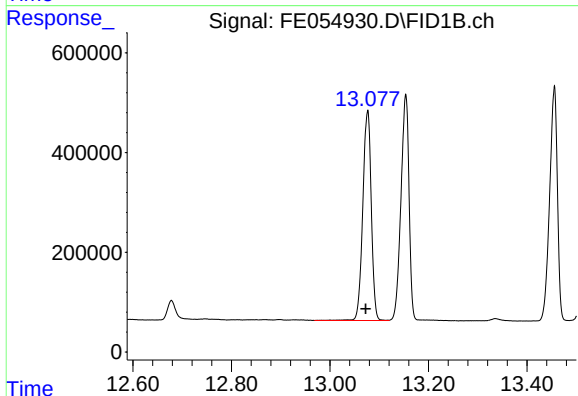
R.T.: 11.761 min
Delta R.T.: 0.003 min
Response: 5016871
Conc: 34.23 ug/ml



#9 ortho-Terphenyl (SURR)

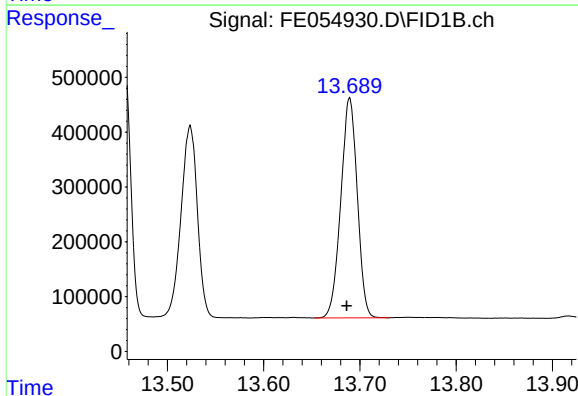
R.T.: 12.087 min
Delta R.T.: 0.003 min
Response: 5305958
Conc: 32.67 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS



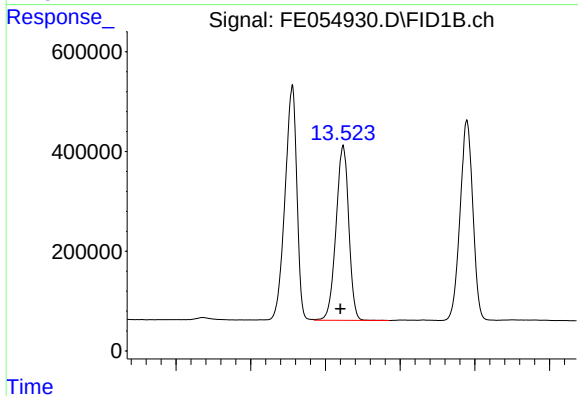
#10 n-Eicosane (C20)

R.T.: 13.076 min
Delta R.T.: 0.003 min
Response: 5043041
Conc: 35.07 ug/ml



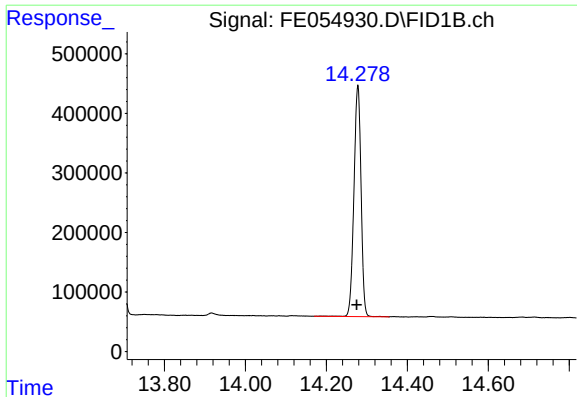
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 4768409
Conc: 33.38 ug/ml



#12 1-chlorooctadecane (SURR)

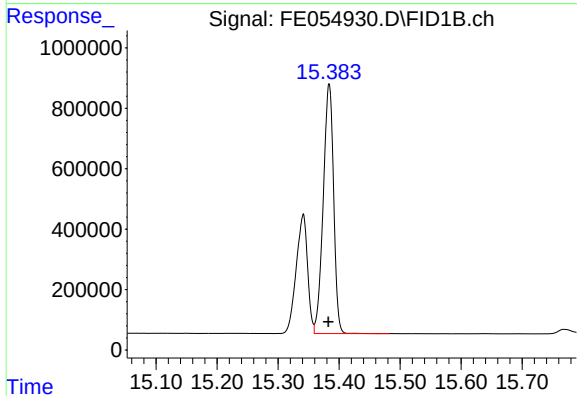
R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4163893
Conc: 32.97 ug/ml



#13 n-Docosane (C22)

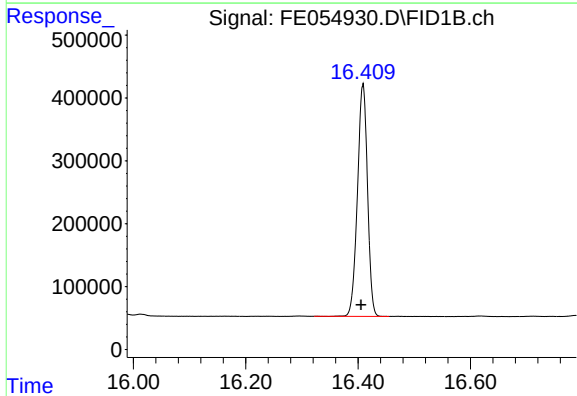
R.T.: 14.278 min
Delta R.T.: 0.002 min
Response: 4735610
Conc: 33.17 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS



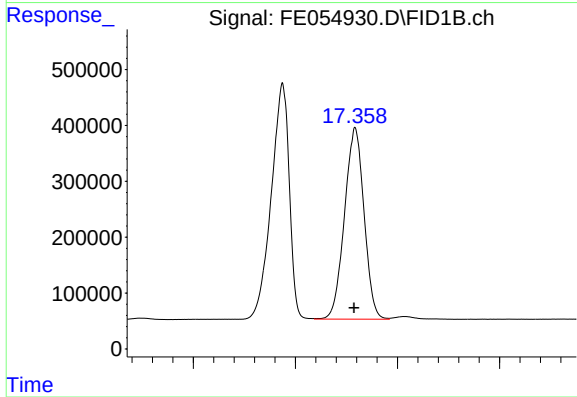
#14 n-Tetracosane (C24)

R.T.: 15.384 min
Delta R.T.: 0.001 min
Response: 9768076
Conc: 67.20 ug/ml



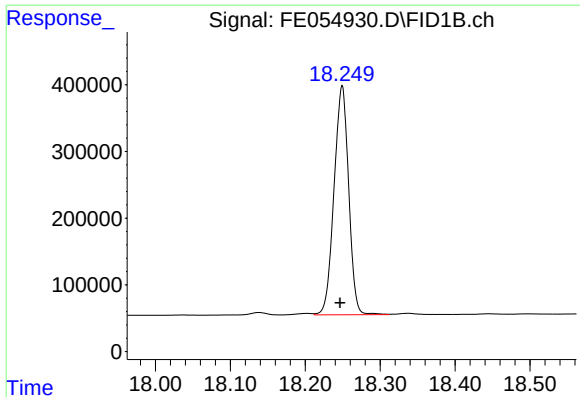
#15 n-Hexacosane (C26)

R.T.: 16.409 min
Delta R.T.: 0.003 min
Response: 4583081
Conc: 31.67 ug/ml



#16 n-Octacosane (C28)

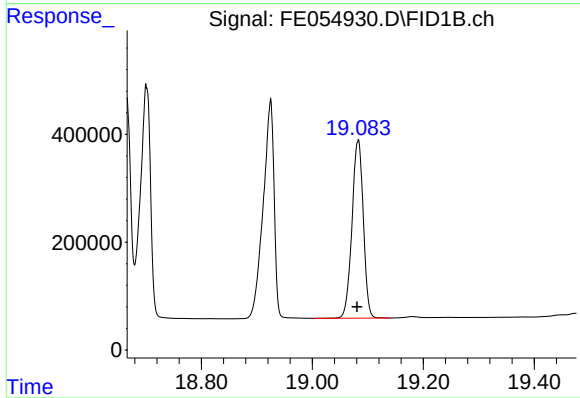
R.T.: 17.359 min
Delta R.T.: 0.000 min
Response: 4554046
Conc: 31.25 ug/ml



#17 n-Tricontane (C30)

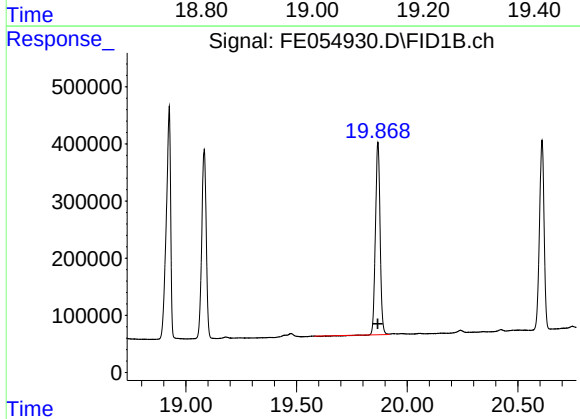
R.T.: 18.249 min
Delta R.T.: 0.003 min
Response: 4661516
Conc: 29.58 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS



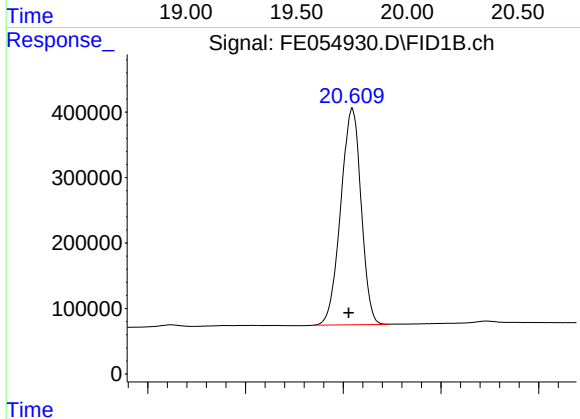
#18 n-Dotriacontane (C32)

R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 4679095
Conc: 28.92 ug/ml



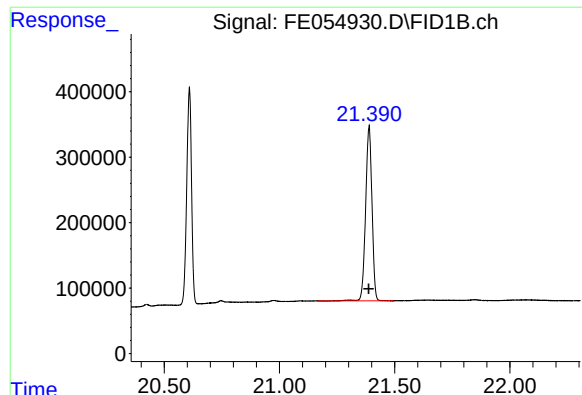
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.001 min
Response: 4883576
Conc: 32.05 ug/ml



#20 n-Hexatriacontane (C36)

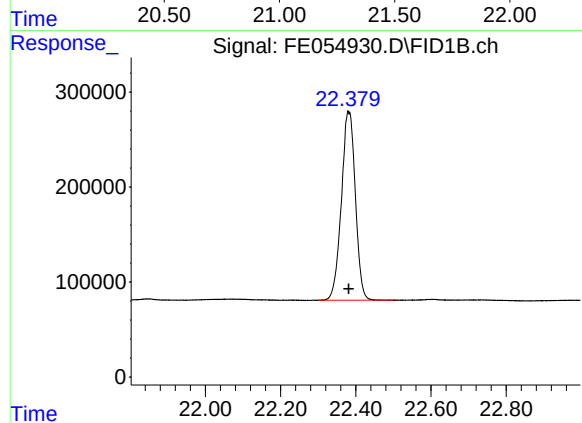
R.T.: 20.609 min
Delta R.T.: 0.004 min
Response: 4800547
Conc: 35.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.001 min
Response: 5118710
Conc: 43.64 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS



#22 n-Tetracontane (C40)

R.T.: 22.381 min
Delta R.T.: 0.000 min
Response: 5115961
Conc: 47.20 ug/ml