

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054709.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 17:01
 Operator : YP\AJ
 Sample : Q2487-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G2(0-6)

Integration File: autoint1.e
 Quant Time: Jul 08 03:31:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.083	4801374	29.566 ug/ml
Spiked Amount 50.000		Recovery =	59.13%
12) S 1-chlorooctadecane (S...	13.522	7441396	58.921 ug/ml
Spiked Amount 50.000		Recovery =	117.84%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.396	298062	1.969 ug/ml
4) T n-Dodecane (C12)	6.855	26629	0.194 ug/ml
5) T A~2-methylnaphthalene...	7.496	194906	1.326 ug/ml
6) T n-Tetradecane (C14)	8.684	70686	0.510 ug/ml
7) T n-Hexadecane (C16)	10.270	44195	0.310 ug/ml
8) T n-Octadecane (C18)	11.751	142614	0.973 ug/ml
10) T n-Eicosane (C20)	13.069	519417	3.612 ug/ml
11) T n-Heneicosane (C21)	13.645	807044	5.650 ug/ml
13) T n-Docosane (C22)	14.274	624515	4.374 ug/ml
14) T n-Tetracosane (C24)	15.340	10012555	68.879 ug/ml
15) T n-Hexacosane (C26)	16.363	381179	2.634 ug/ml
16) T n-Octacosane (C28)	17.350	221908	1.523 ug/ml
17) T n-Tricontane (C30)	18.242	1073040	6.809 ug/ml
18) T n-Dotriacontane (C32)	19.042	1652027	10.211 ug/ml
19) T n-Tetratriacontane (C34)	19.862	171010	1.122 ug/ml
20) T n-Hexatriacontane (C36)	20.591	617636	4.594 ug/ml
21) T n-Octatriacontane (C38)	21.328	611715	5.216 ug/ml
22) T n-Tetracontane (C40)	22.323	584235	5.390 ug/ml

(f)=RT Delta > 1/2 Window

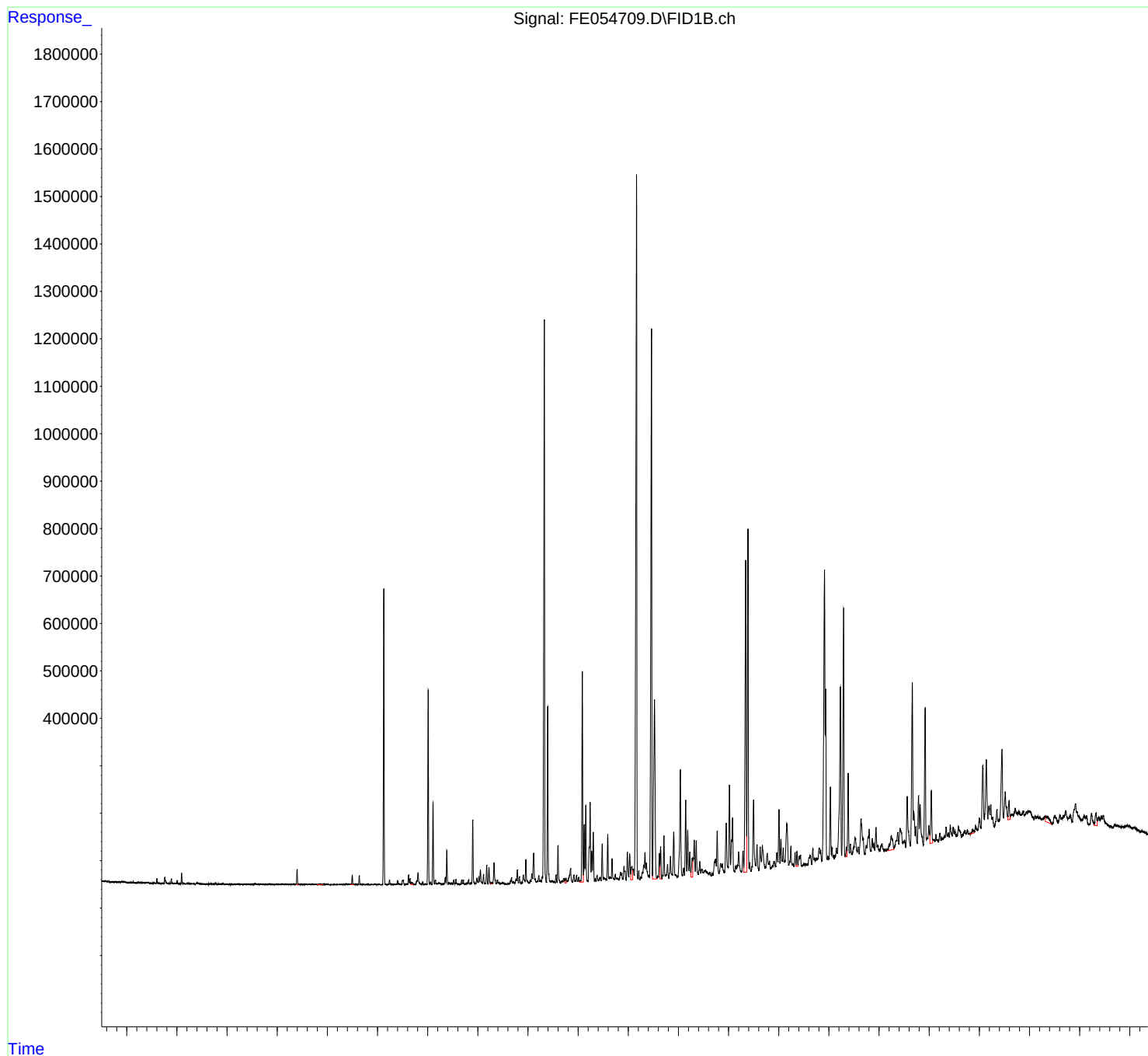
(m)=manual int.

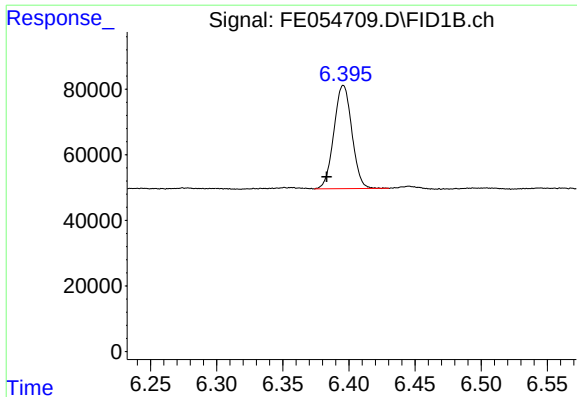
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

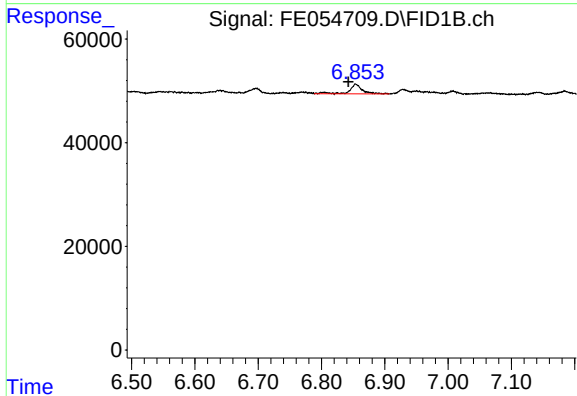




#3 A~Naphthalene (C11.7)

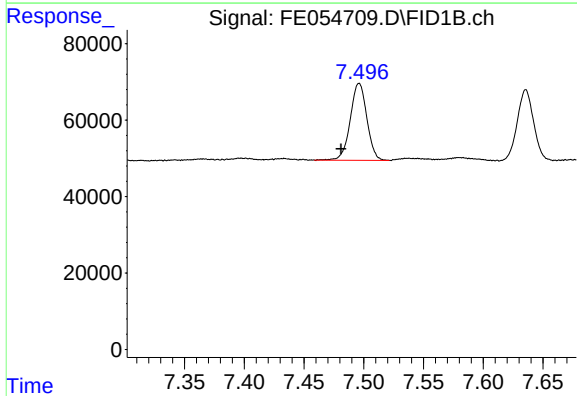
R.T.: 6.396 min
Delta R.T.: 0.013 min
Response: 298062
Conc: 1.97 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(0-6)



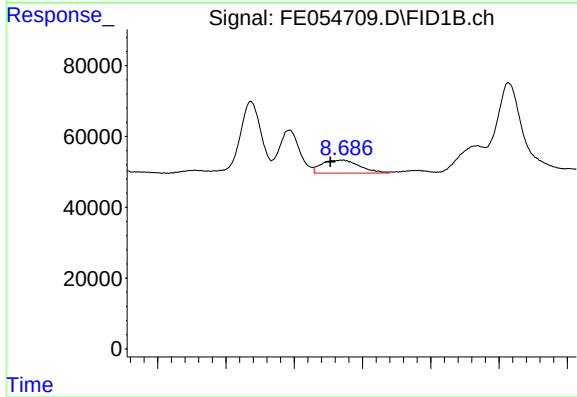
#4 n-Dodecane (C12)

R.T.: 6.855 min
Delta R.T.: 0.012 min
Response: 26629
Conc: 0.19 ug/ml



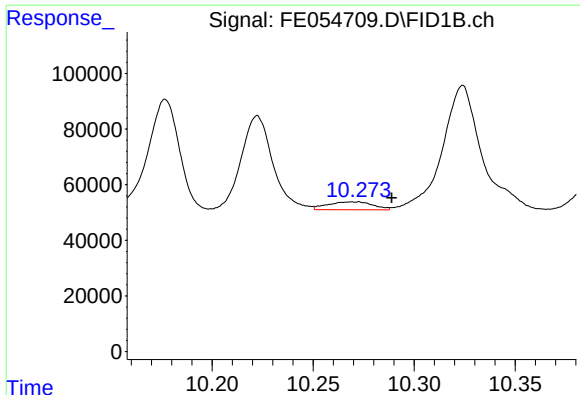
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.015 min
Response: 194906
Conc: 1.33 ug/ml



#6 n-Tetradecane (C14)

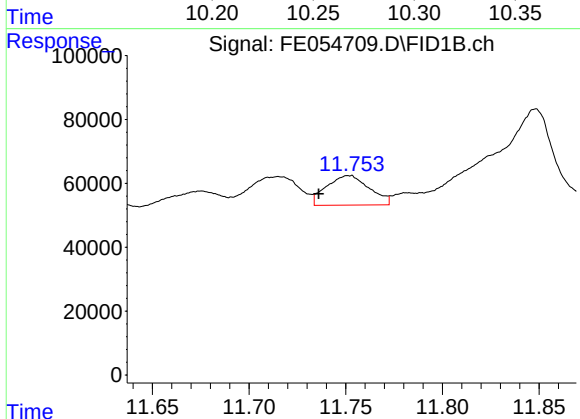
R.T.: 8.684 min
Delta R.T.: 0.008 min
Response: 70686
Conc: 0.51 ug/ml



#7 n-Hexadecane (C16)

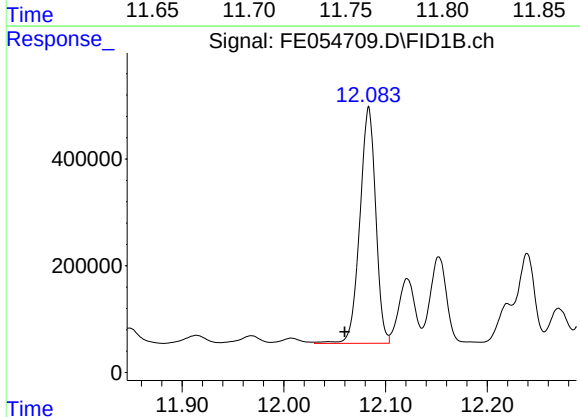
R.T.: 10.270 min
Delta R.T.: -0.019 min
Response: 44195
Conc: 0.31 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(0-6)



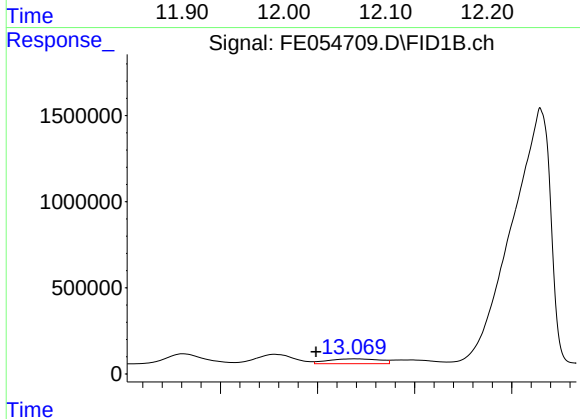
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: 0.015 min
Response: 142614
Conc: 0.97 ug/ml



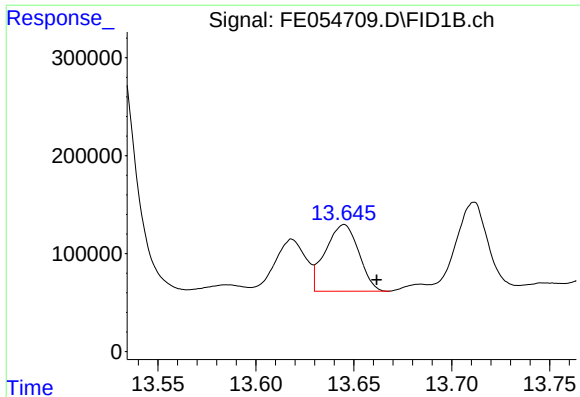
#9 ortho-Terphenyl (SURR)

R.T.: 12.083 min
Delta R.T.: 0.024 min
Response: 4801374
Conc: 29.57 ug/ml



#10 n-Eicosane (C20)

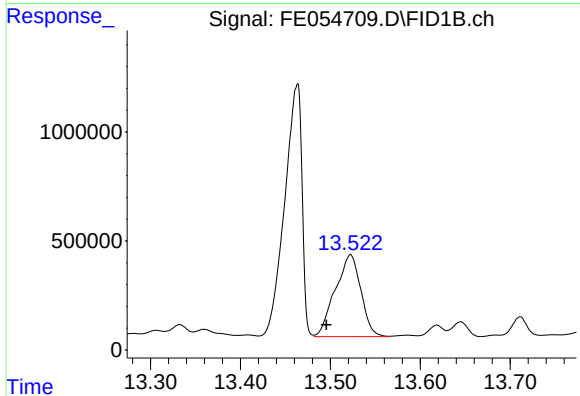
R.T.: 13.069 min
Delta R.T.: 0.020 min
Response: 519417
Conc: 3.61 ug/ml



#11 n-Heneicosane (C21)

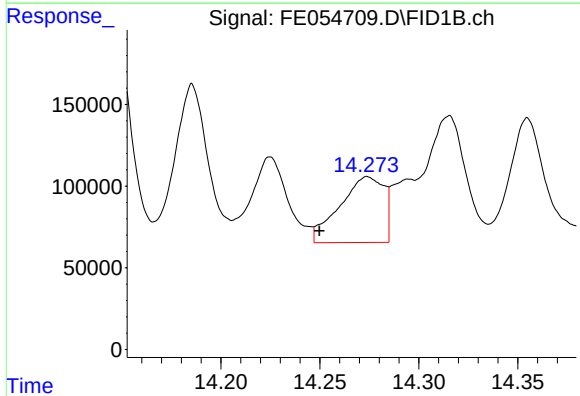
R.T.: 13.645 min
Delta R.T.: -0.017 min
Response: 807044
Conc: 5.65 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(0-6)



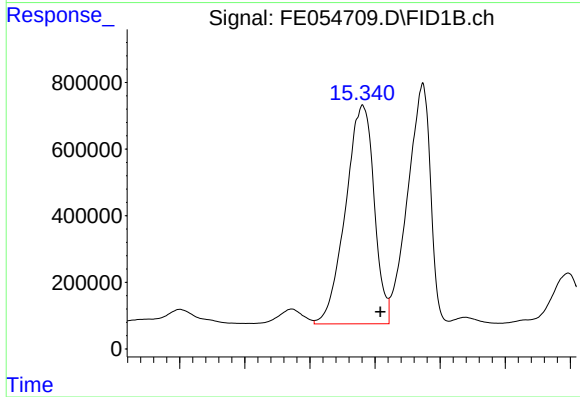
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.027 min
Response: 7441396
Conc: 58.92 ug/ml



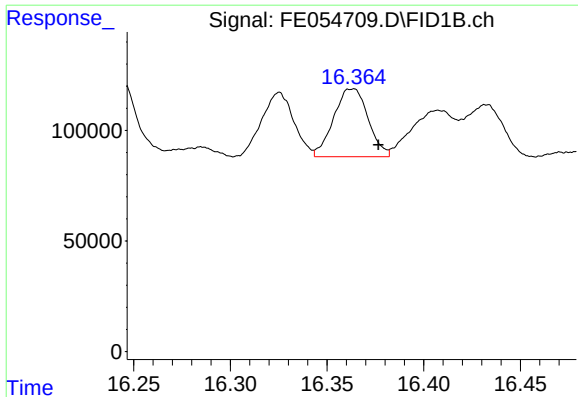
#13 n-Docosane (C22)

R.T.: 14.274 min
Delta R.T.: 0.025 min
Response: 624515
Conc: 4.37 ug/ml



#14 n-Tetracosane (C24)

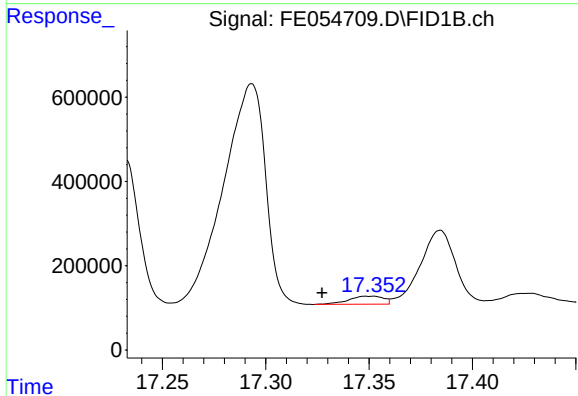
R.T.: 15.340 min
Delta R.T.: -0.014 min
Response: 10012555
Conc: 68.88 ug/ml



#15 n-Hexacosane (C26)

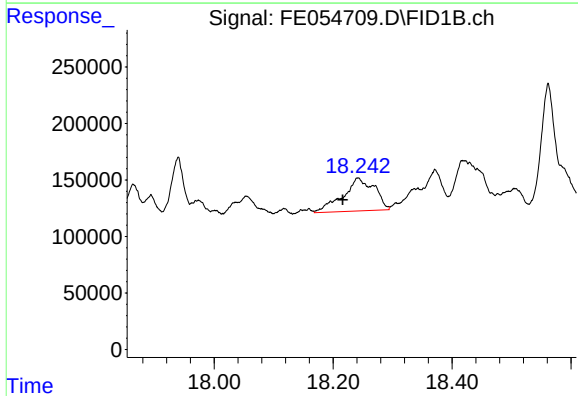
R.T.: 16.363 min
Delta R.T.: -0.014 min
Response: 381179
Conc: 2.63 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(0-6)



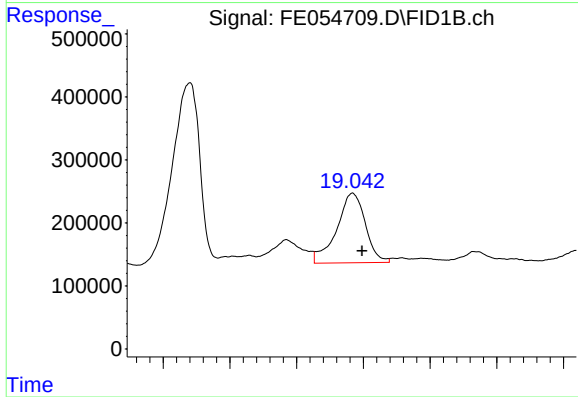
#16 n-Octacosane (C28)

R.T.: 17.350 min
Delta R.T.: 0.023 min
Response: 221908
Conc: 1.52 ug/ml



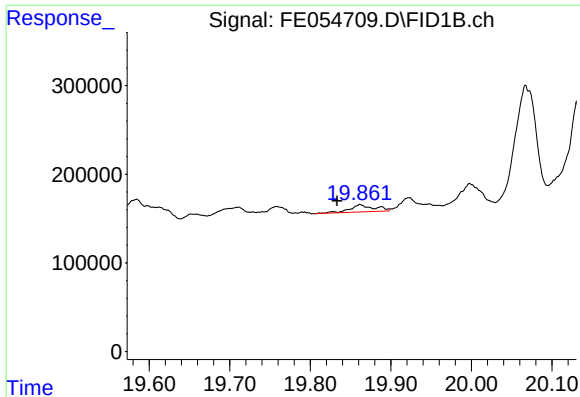
#17 n-Tricontane (C30)

R.T.: 18.242 min
Delta R.T.: 0.026 min
Response: 1073040
Conc: 6.81 ug/ml



#18 n-Dotriacontane (C32)

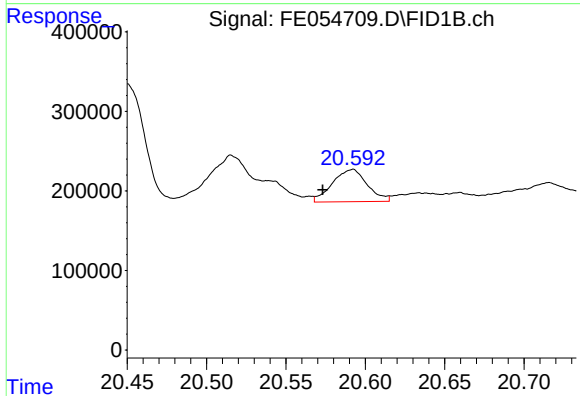
R.T.: 19.042 min
Delta R.T.: -0.007 min
Response: 1652027
Conc: 10.21 ug/ml



#19 n-Tetratriacontane (C34)

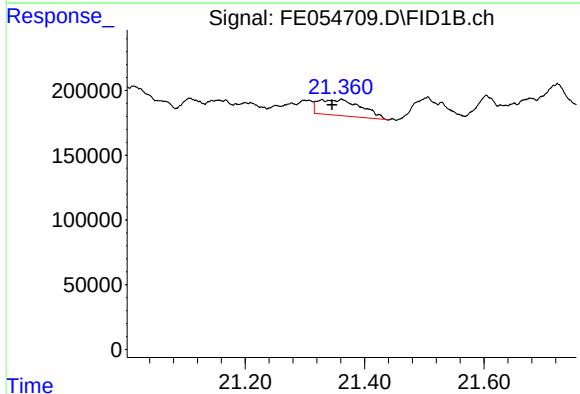
R.T.: 19.862 min
Delta R.T.: 0.029 min
Response: 171010
Conc: 1.12 ug/ml

Instrument :
FID_E
ClientSampleId :
G2(0-6)



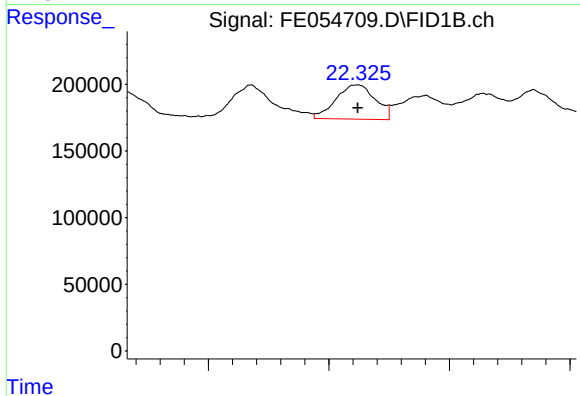
#20 n-Hexatriacontane (C36)

R.T.: 20.591 min
Delta R.T.: 0.018 min
Response: 617636
Conc: 4.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.328 min
Delta R.T.: -0.018 min
Response: 611715
Conc: 5.22 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.323 min
Delta R.T.: 0.000 min
Response: 584235
Conc: 5.39 ug/ml