

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054712.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 18:33
 Operator : YP\AJ
 Sample : Q2487-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G1(6-12)

Integration File: autoint1.e
 Quant Time: Jul 08 03:32:28 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)	12.084	4603196	28.346 ug/ml
Spiked Amount 50.000		Recovery =	56.69%
12) S 1-chlorooctadecane (S...	13.480	5269621	41.725 ug/ml
Spiked Amount 50.000		Recovery =	83.45%
Target Compounds			
1) T n-Nonane (C9)	3.411	53689	0.399 ug/ml
3) T A~Naphthalene (C11.7)	6.401	760733	5.024 ug/ml
4) T n-Dodecane (C12)	6.853	330422	2.408 ug/ml
5) T A~2-methylnaphthalene...	7.498	1002159	6.817 ug/ml
6) T n-Tetradecane (C14)	8.689	332190	2.396 ug/ml
7) T n-Hexadecane (C16)	10.307	211723	1.486 ug/ml
8) T n-Octadecane (C18)	11.755	73901	0.504 ug/ml
10) T n-Eicosane (C20)	13.025	15849000	110.220 ug/ml
11) T n-Heneicosane (C21)	13.648	207034	1.449 ug/ml
13) T n-Docosane (C22)	14.274	267605	1.874 ug/ml
14) T n-Tetracosane (C24)	15.371	1126172	7.747 ug/ml
15) T n-Hexacosane (C26)	16.360	55013	0.380 ug/ml
16) T n-Octacosane (C28)	17.373	470460	3.228 ug/ml
17) T n-Tricontane (C30)	18.247	548733	3.482 ug/ml
18) T n-Dotriacontane (C32)	19.035	224134	1.385 ug/ml
19) T n-Tetratriacontane (C34)	19.817	102345	0.672 ug/ml
20) T n-Hexatriacontane (C36)	20.563	206551	1.536 ug/ml
21) T n-Octatriacontane (C38)	21.392	175392	1.495 ug/ml
22) T n-Tetracontane (C40)	22.299	327886	3.025 ug/ml

(f)=RT Delta > 1/2 Window

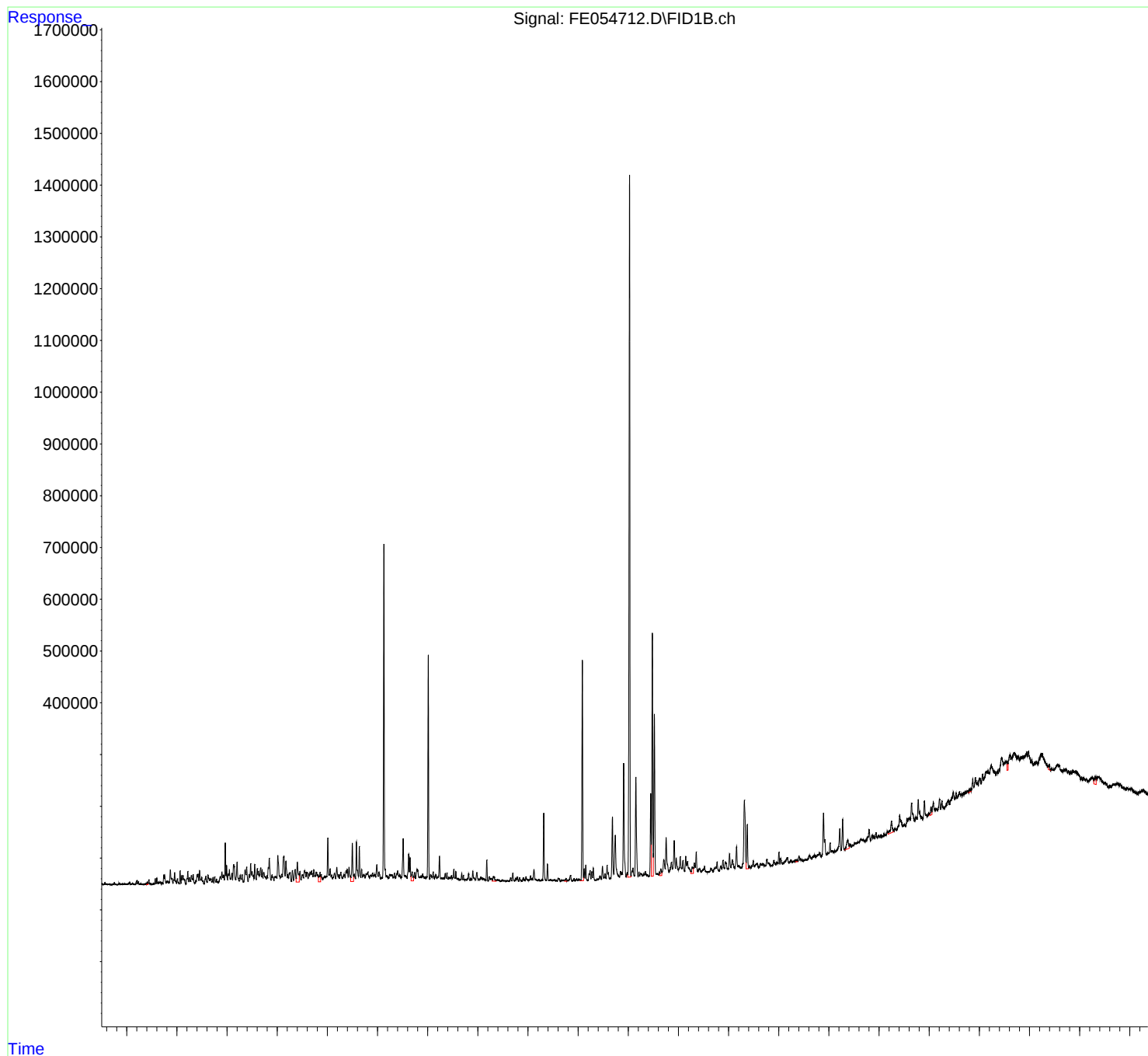
(m)=manual int.

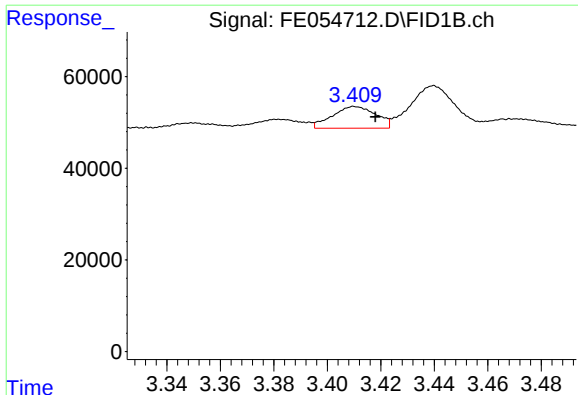
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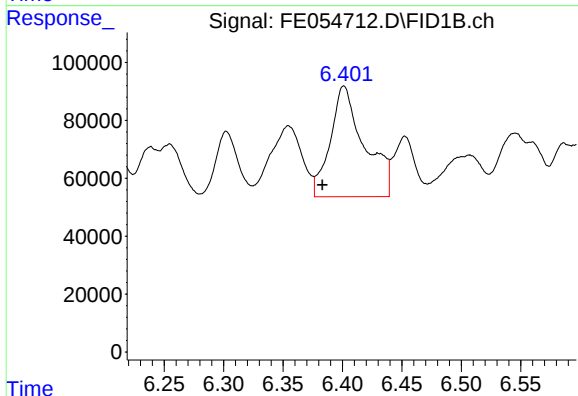




#1 n-Nonane (C9)

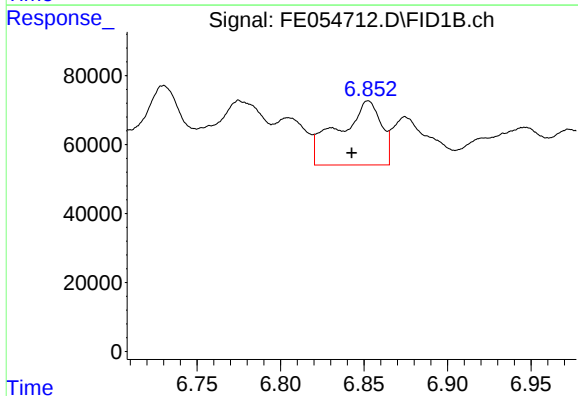
R.T.: 3.411 min
Delta R.T.: -0.007 min
Response: 53689
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(6-12)



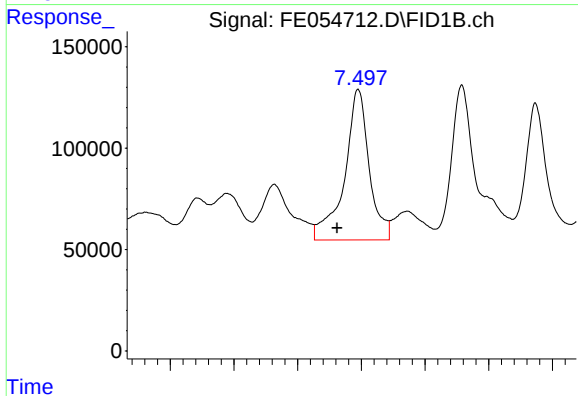
#3 A~Naphthalene (C11.7)

R.T.: 6.401 min
Delta R.T.: 0.018 min
Response: 760733
Conc: 5.02 ug/ml



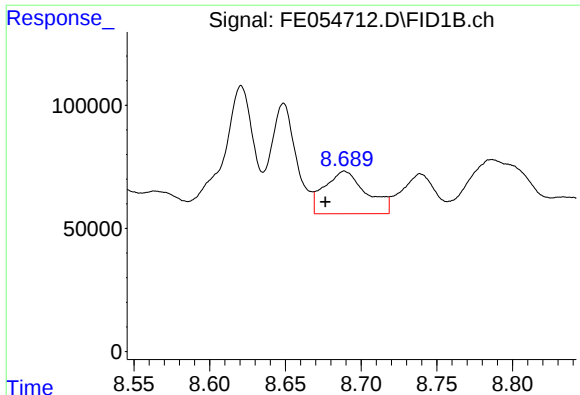
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.010 min
Response: 330422
Conc: 2.41 ug/ml



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

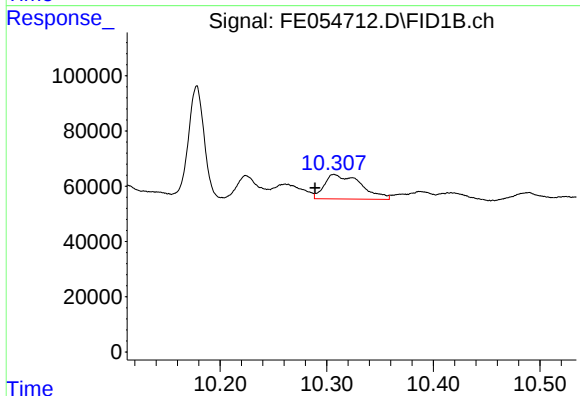
R.T.: 7.498 min
Delta R.T.: 0.017 min
Response: 1002159
Conc: 6.82 ug/ml



#6 n-Tetradecane (C14)

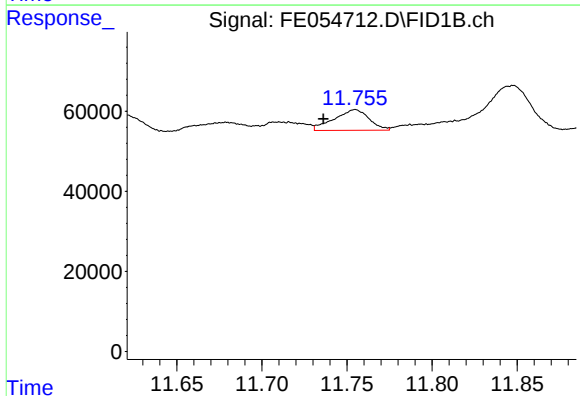
R.T.: 8.689 min
Delta R.T.: 0.013 min
Response: 332190
Conc: 2.40 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(6-12)



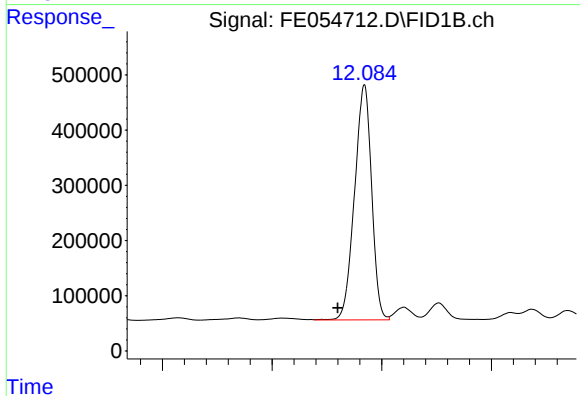
#7 n-Hexadecane (C16)

R.T.: 10.307 min
Delta R.T.: 0.018 min
Response: 211723
Conc: 1.49 ug/ml



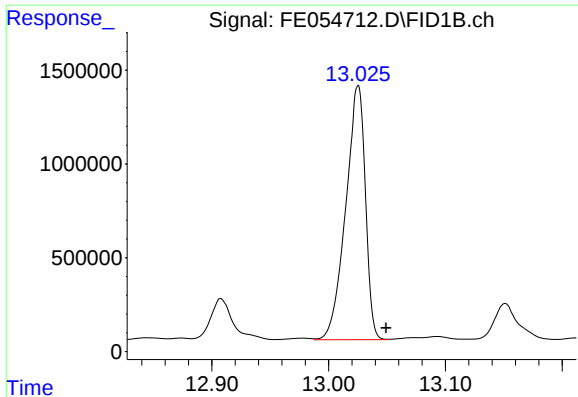
#8 n-Octadecane (C18)

R.T.: 11.755 min
Delta R.T.: 0.019 min
Response: 73901
Conc: 0.50 ug/ml



#9 ortho-Terphenyl (SURRE)

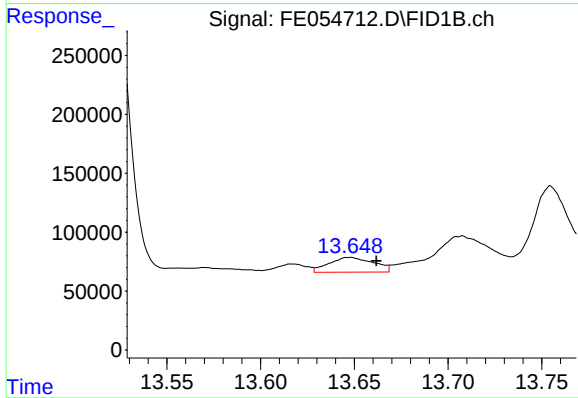
R.T.: 12.084 min
Delta R.T.: 0.024 min
Response: 4603196
Conc: 28.35 ug/ml



#10 n-Eicosane (C20)

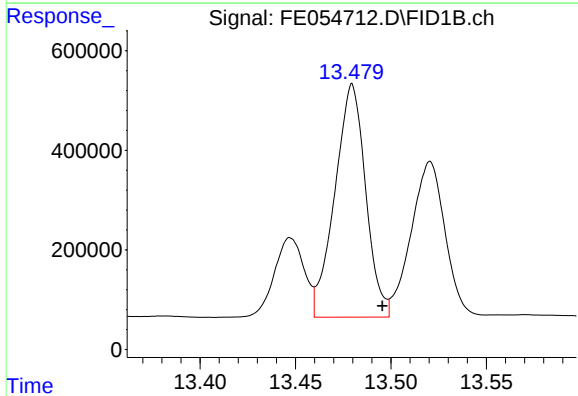
R.T.: 13.025 min
Delta R.T.: -0.024 min
Response: 15849000
Conc: 110.22 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(6-12)



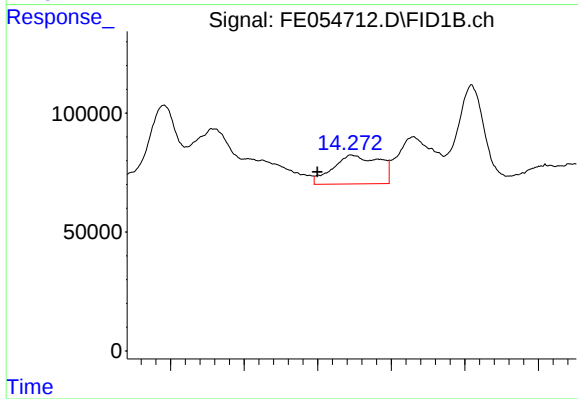
#11 n-Heneicosane (C21)

R.T.: 13.648 min
Delta R.T.: -0.014 min
Response: 207034
Conc: 1.45 ug/ml



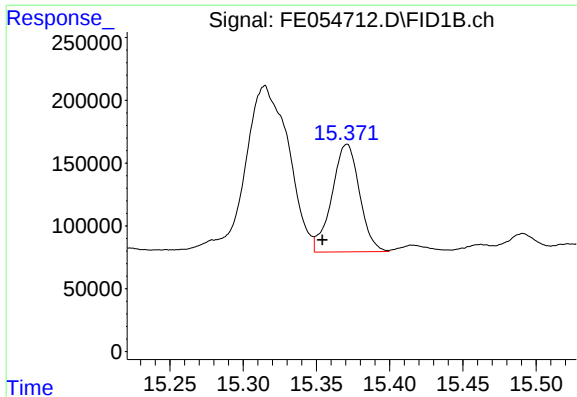
#12 1-chlorooctadecane (SURR)

R.T.: 13.480 min
Delta R.T.: -0.016 min
Response: 5269621
Conc: 41.73 ug/ml



#13 n-Docosane (C22)

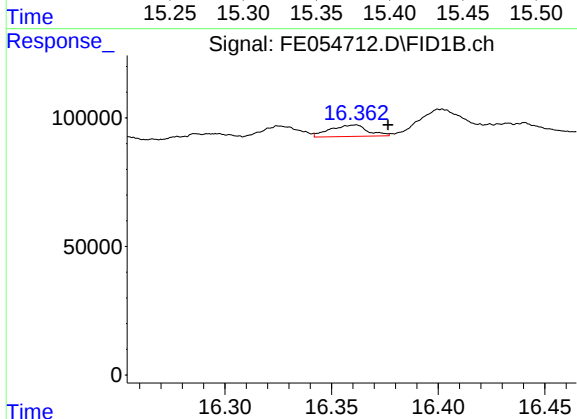
R.T.: 14.274 min
Delta R.T.: 0.024 min
Response: 267605
Conc: 1.87 ug/ml



#14 n-Tetracosane (C24)

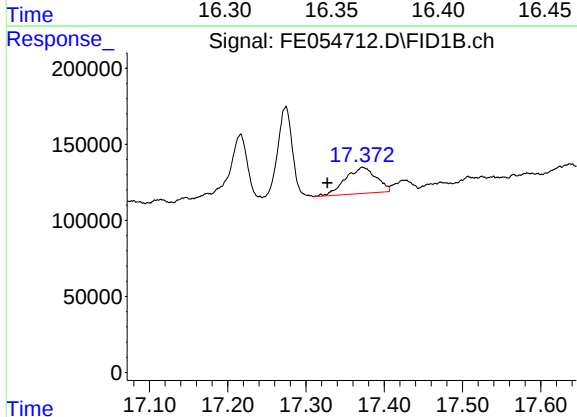
R.T.: 15.371 min
Delta R.T.: 0.017 min
Response: 1126172
Conc: 7.75 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(6-12)



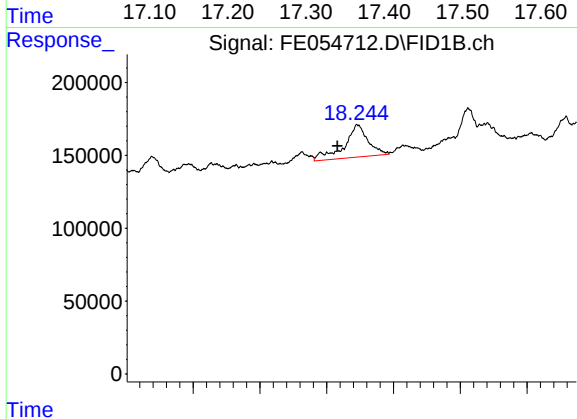
#15 n-Hexacosane (C26)

R.T.: 16.360 min
Delta R.T.: -0.017 min
Response: 55013
Conc: 0.38 ug/ml



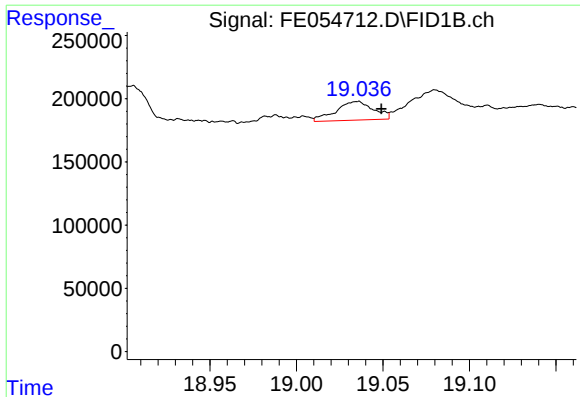
#16 n-Octacosane (C28)

R.T.: 17.373 min
Delta R.T.: 0.046 min
Response: 470460
Conc: 3.23 ug/ml



#17 n-Tricontane (C30)

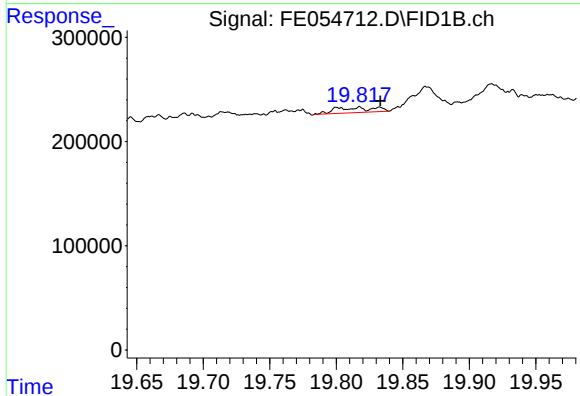
R.T.: 18.247 min
Delta R.T.: 0.031 min
Response: 548733
Conc: 3.48 ug/ml



#18 n-Dotriacontane (C32)

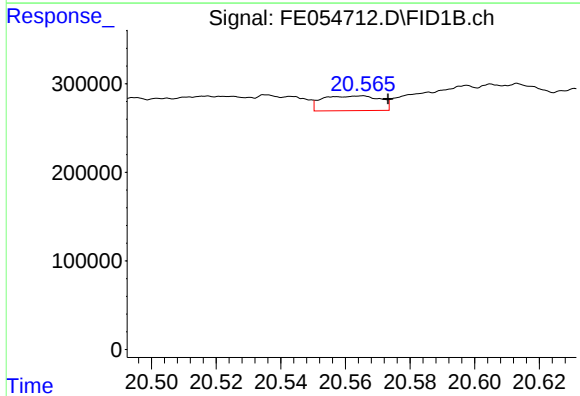
R.T.: 19.035 min
Delta R.T.: -0.015 min
Response: 224134
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(6-12)



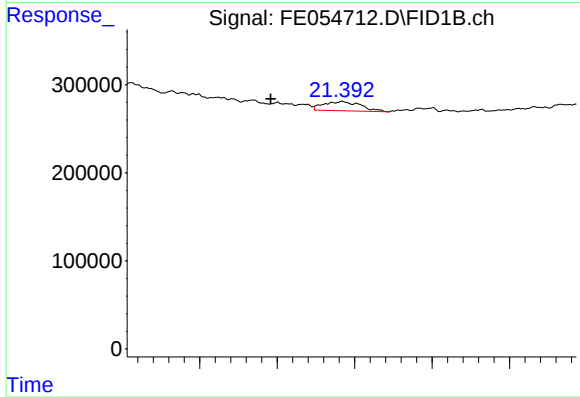
#19 n-Tetratriacontane (C34)

R.T.: 19.817 min
Delta R.T.: -0.016 min
Response: 102345
Conc: 0.67 ug/ml



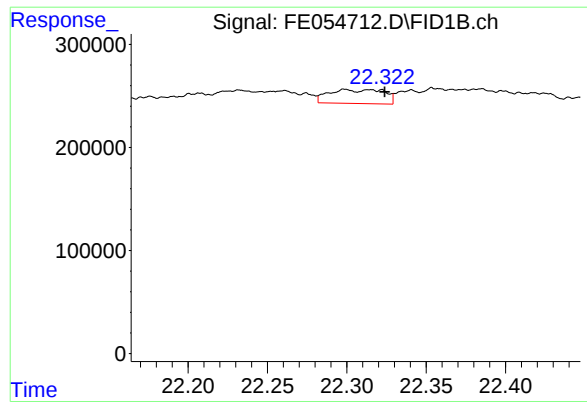
#20 n-Hexatriacontane (C36)

R.T.: 20.563 min
Delta R.T.: -0.010 min
Response: 206551
Conc: 1.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.046 min
Response: 175392
Conc: 1.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.299 min
Delta R.T.: -0.025 min
Response: 327886
Conc: 3.03 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(6-12)