

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
 Data File : FE054711.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2025 18:02
 Operator : YP\AJ
 Sample : Q2487-15
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 G1(0-6)

Integration File: autoint1.e
 Quant Time: Jul 08 03:32:15 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)	12.081	3529928	21.737 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
12) S 1-chlorooctadecane (S...	13.519	3147803	24.924 ug/ml
Spiked Amount 50.000		Recovery =	49.85%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.396	41611	0.275 ug/ml
4) T n-Dodecane (C12)	6.853	18675	0.136 ug/ml
5) T A~2-methylnaphthalene...	7.496	30569	0.208 ug/ml
6) T n-Tetradecane (C14)	8.689	70046	0.505 ug/ml
7) T n-Hexadecane (C16)	10.306	85327	0.599 ug/ml
8) T n-Octadecane (C18)	11.753	61394	0.419 ug/ml
10) T n-Eicosane (C20)	13.065	233227	1.622 ug/ml
11) T n-Heneicosane (C21)	13.639	89701	0.628 ug/ml
13) T n-Docosane (C22)	14.221	82983	0.581 ug/ml
14) T n-Tetracosane (C24)	15.368	1056948	7.271 ug/ml
15) T n-Hexacosane (C26)	16.357	48036	0.332 ug/ml
16) T n-Octacosane (C28)	17.373	600283	4.119 ug/ml
17) T n-Tricontane (C30)	18.247	698047	4.430 ug/ml
18) T n-Dotriacontane (C32)	19.034	188207	1.163 ug/ml
19) T n-Tetratriacontane (C34)	19.867	339147	2.226 ug/ml
20) T n-Hexatriacontane (C36)	20.535	827845	6.157 ug/ml
21) T n-Octatriacontane (C38)	21.347	274895	2.344 ug/ml
22) T n-Tetracontane (C40)	22.326	337739	3.116 ug/ml

(f)=RT Delta > 1/2 Window

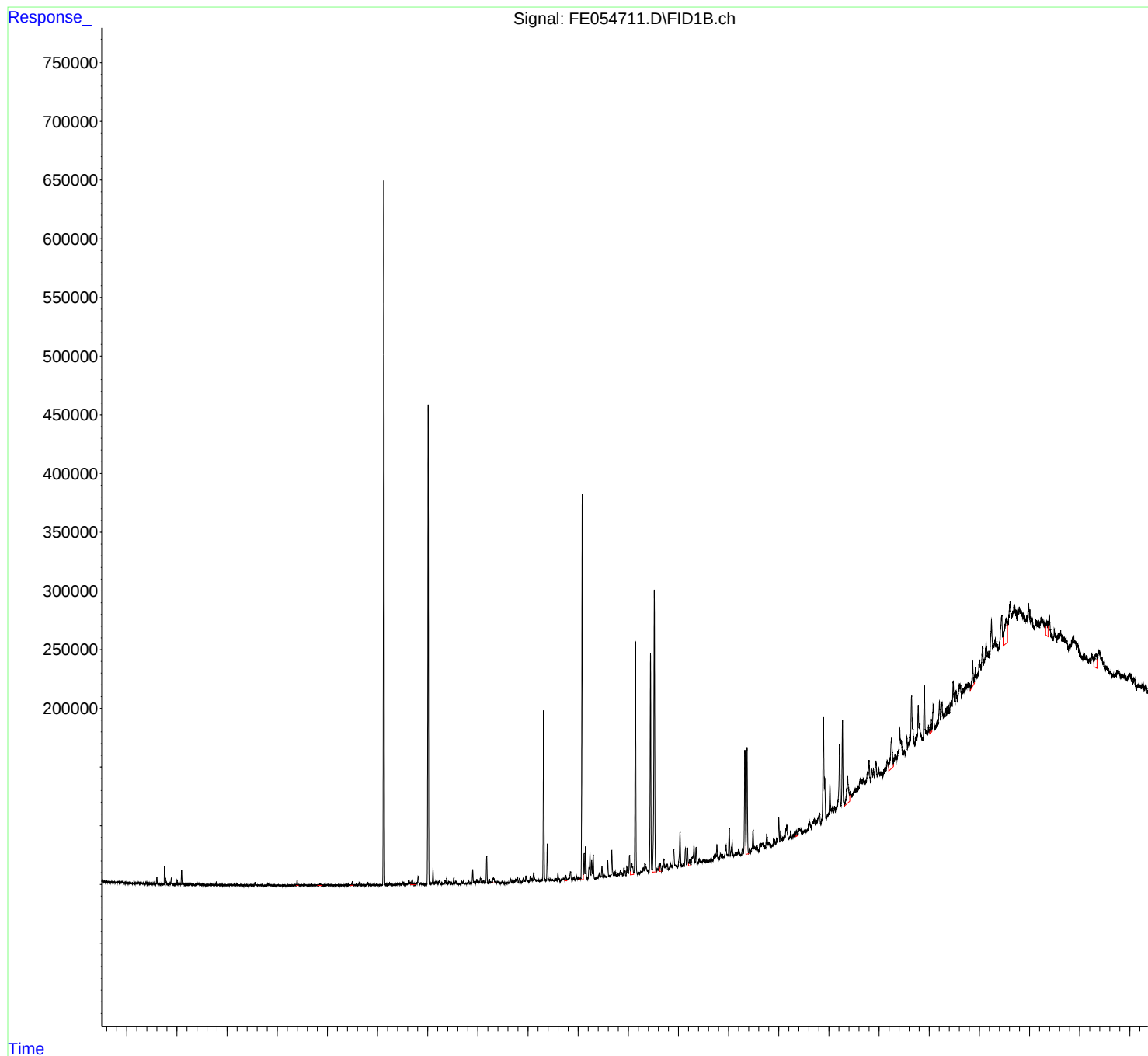
(m)=manual int.

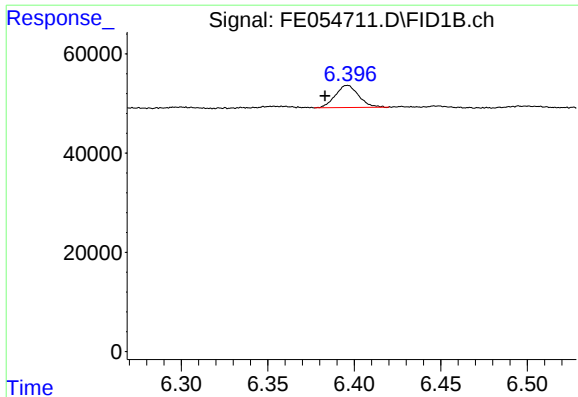
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070725AL\
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Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

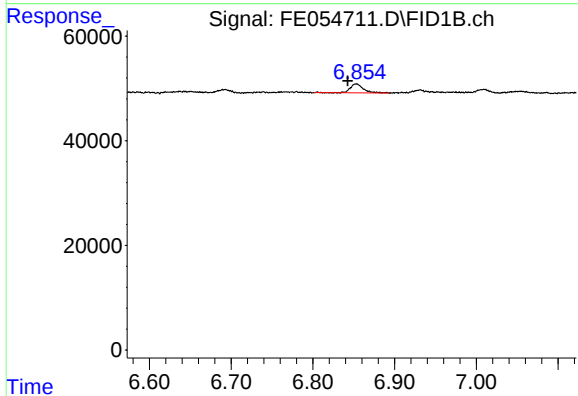




#3 A~Naphthalene (C11.7)

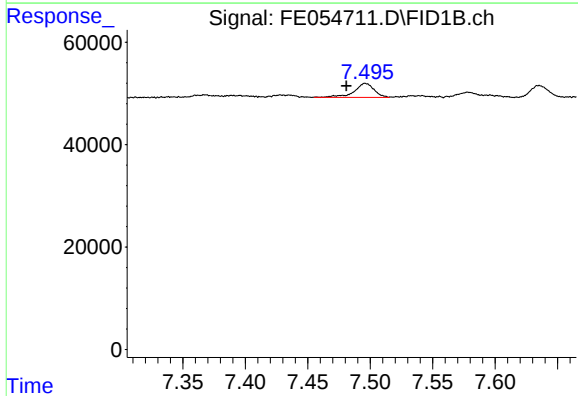
R.T.: 6.396 min
Delta R.T.: 0.013 min
Response: 41611
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(0-6)



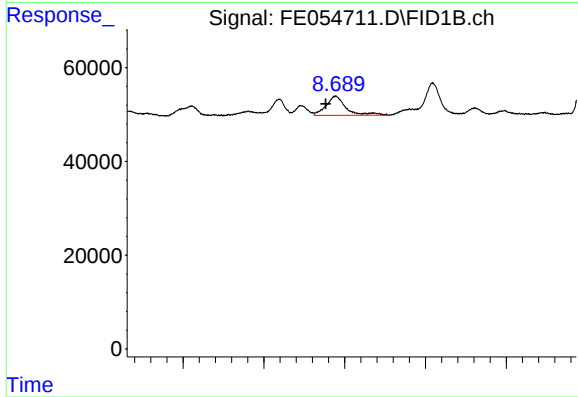
#4 n-Dodecane (C12)

R.T.: 6.853 min
Delta R.T.: 0.011 min
Response: 18675
Conc: 0.14 ug/ml



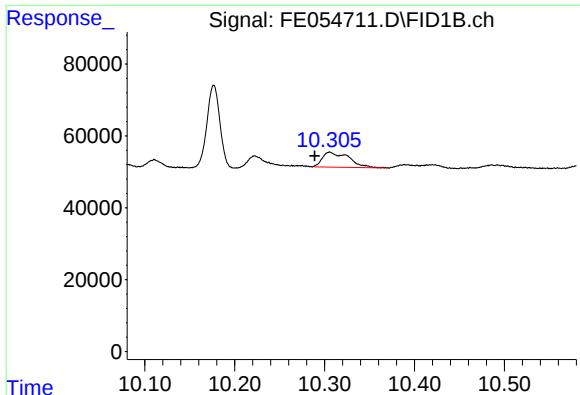
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.015 min
Response: 30569
Conc: 0.21 ug/ml



#6 n-Tetradecane (C14)

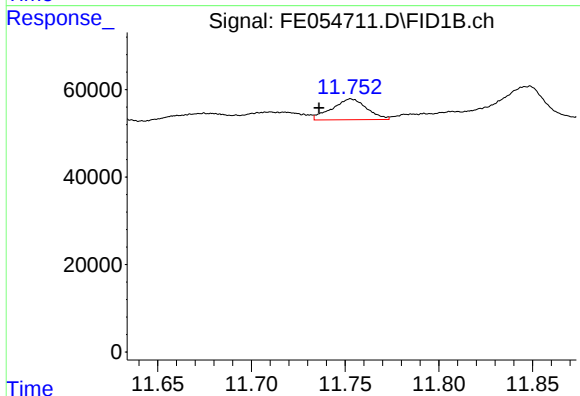
R.T.: 8.689 min
Delta R.T.: 0.012 min
Response: 70046
Conc: 0.51 ug/ml



#7 n-Hexadecane (C16)

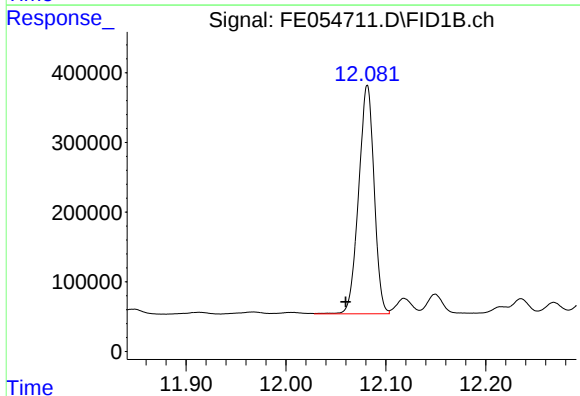
R.T.: 10.306 min
Delta R.T.: 0.017 min
Response: 85327
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(0-6)



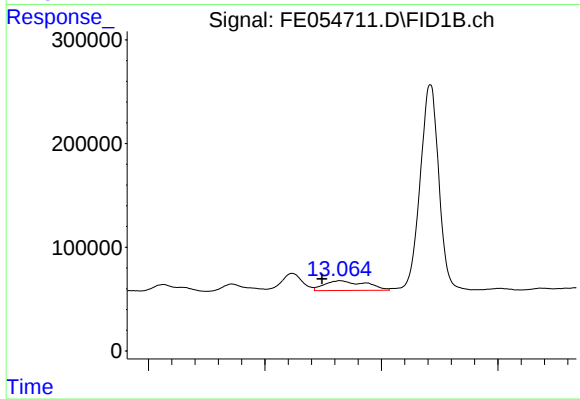
#8 n-Octadecane (C18)

R.T.: 11.753 min
Delta R.T.: 0.017 min
Response: 61394
Conc: 0.42 ug/ml



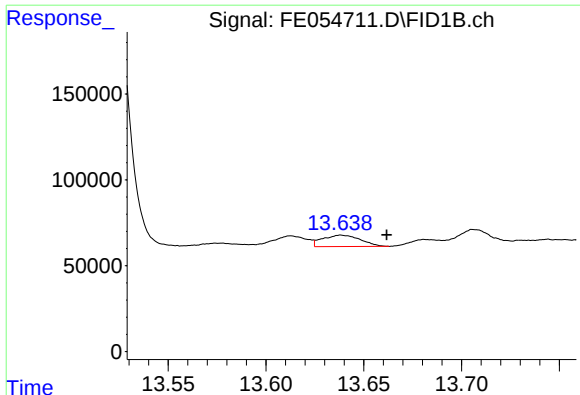
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: 0.022 min
Response: 3529928
Conc: 21.74 ug/ml



#10 n-Eicosane (C20)

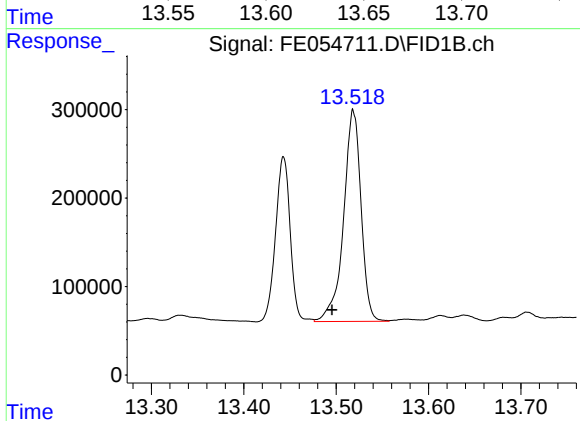
R.T.: 13.065 min
Delta R.T.: 0.015 min
Response: 233227
Conc: 1.62 ug/ml



#11 n-Heneicosane (C21)

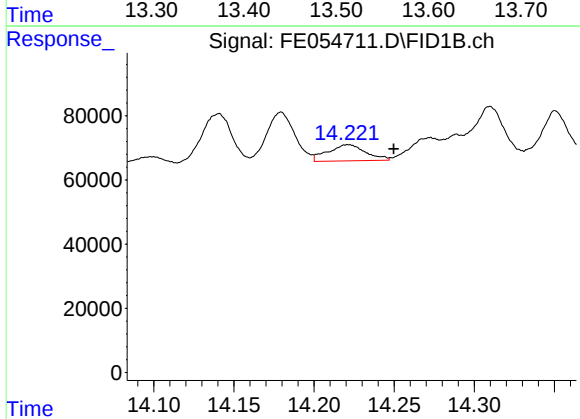
R.T.: 13.639 min
Delta R.T.: -0.023 min
Response: 89701
Conc: 0.63 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(0-6)



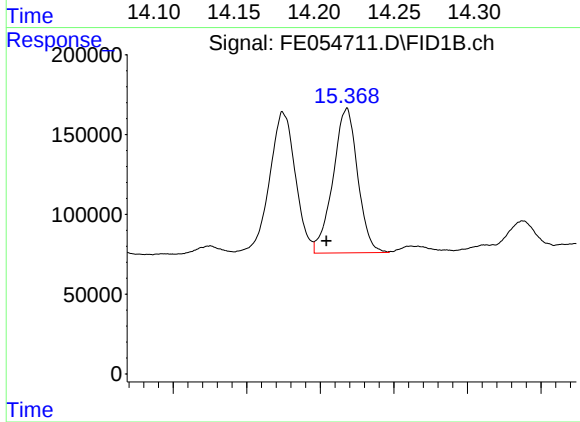
#12 1-chlorooctadecane (SURR)

R.T.: 13.519 min
Delta R.T.: 0.023 min
Response: 3147803
Conc: 24.92 ug/ml



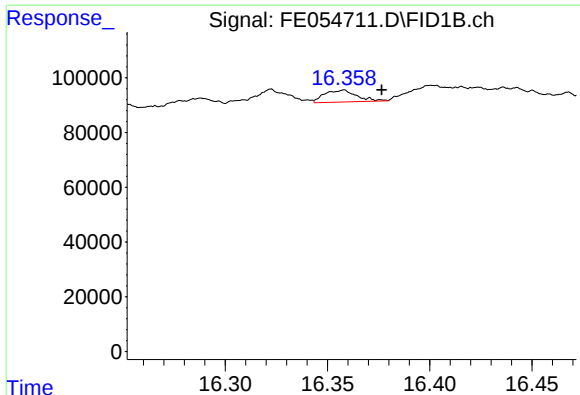
#13 n-Docosane (C22)

R.T.: 14.221 min
Delta R.T.: -0.028 min
Response: 82983
Conc: 0.58 ug/ml



#14 n-Tetracosane (C24)

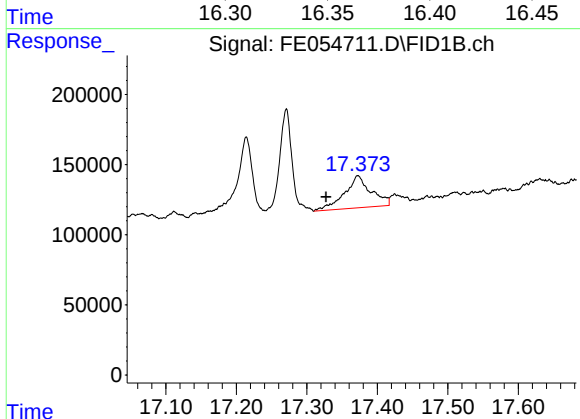
R.T.: 15.368 min
Delta R.T.: 0.014 min
Response: 1056948
Conc: 7.27 ug/ml



#15 n-Hexacosane (C26)

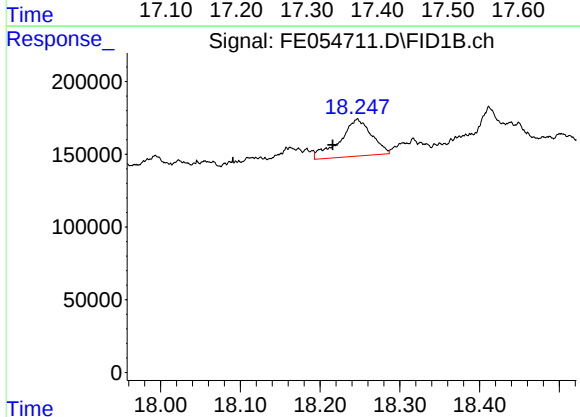
R.T.: 16.357 min
Delta R.T.: -0.020 min
Response: 48036
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(0-6)



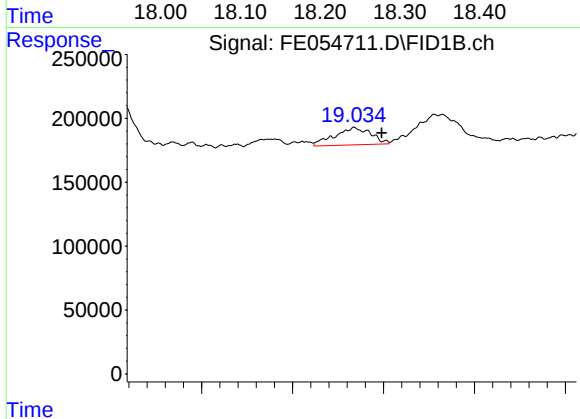
#16 n-Octacosane (C28)

R.T.: 17.373 min
Delta R.T.: 0.045 min
Response: 600283
Conc: 4.12 ug/ml



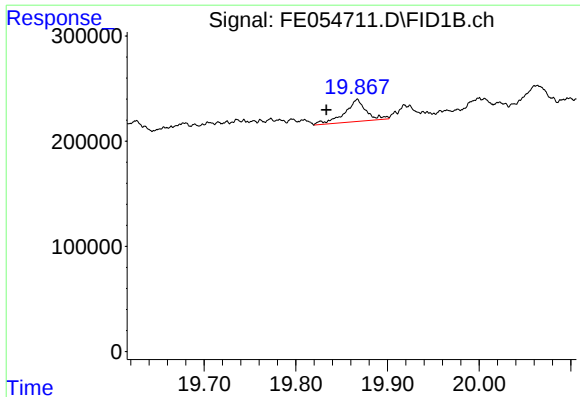
#17 n-Tricontane (C30)

R.T.: 18.247 min
Delta R.T.: 0.031 min
Response: 698047
Conc: 4.43 ug/ml



#18 n-Dotriacontane (C32)

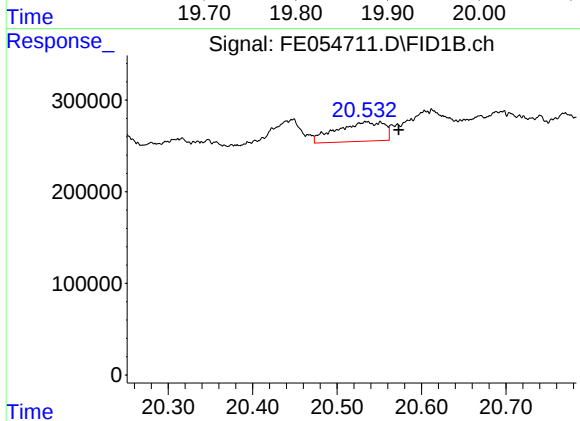
R.T.: 19.034 min
Delta R.T.: -0.015 min
Response: 188207
Conc: 1.16 ug/ml



#19 n-Tetratriacontane (C34)

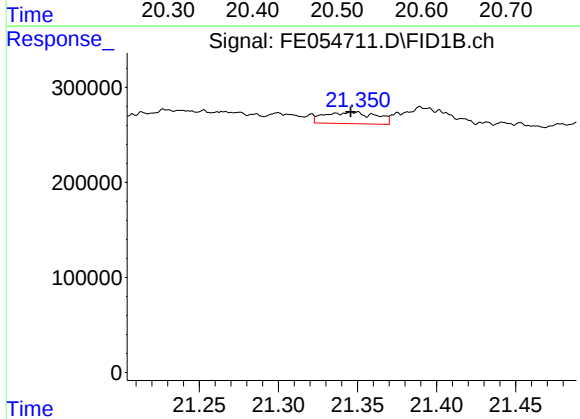
R.T.: 19.867 min
Delta R.T.: 0.034 min
Response: 339147
Conc: 2.23 ug/ml

Instrument :
FID_E
ClientSampleId :
G1(0-6)



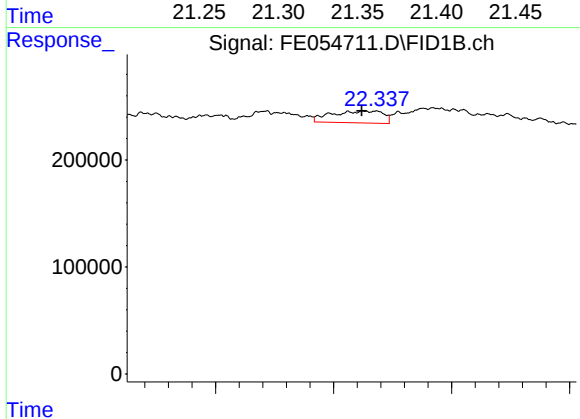
#20 n-Hexatriacontane (C36)

R.T.: 20.535 min
Delta R.T.: -0.038 min
Response: 827845
Conc: 6.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.347 min
Delta R.T.: 0.001 min
Response: 274895
Conc: 2.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.326 min
Delta R.T.: 0.002 min
Response: 337739
Conc: 3.12 ug/ml