

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054904.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 15:20
 Operator : YP\AJ
 Sample : Q2622-02DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 17 16:10:36 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)	12.094	4213735	25.948 ug/ml
Spiked Amount 50.000		Recovery =	51.90%
12) S 1-chlorooctadecane (S...	13.532	1404507	11.121 ug/ml
Spiked Amount 50.000		Recovery =	22.24%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.453f	32006	0.211 ug/ml
4) T n-Dodecane (C12)	6.837	37883	0.276 ug/ml
5) T A~2-methylnaphthalene...	7.510	72135	0.491 ug/ml
6) T n-Tetradecane (C14)	8.690	648720	4.680 ug/ml
7) T n-Hexadecane (C16)	10.287	793308	5.567 ug/ml
8) T n-Octadecane (C18)	11.763	1125071	7.677 ug/ml
10) T n-Eicosane (C20)	13.085	538948	3.748 ug/ml
11) T n-Heneicosane (C21)	13.695	203837	1.427 ug/ml
13) T n-Docosane (C22)	14.283	347628	2.435 ug/ml
14) T n-Tetracosane (C24)	15.384	167453	1.152 ug/ml
15) T n-Hexacosane (C26)	16.409	42953	0.297 ug/ml
16) T n-Octacosane (C28)	17.361	83106	0.570 ug/ml
17) T n-Tricontane (C30)	18.249	102419	0.650 ug/ml
18) T n-Dotriacontane (C32)	19.085	126116	0.780 ug/ml
19) T n-Tetratriacontane (C34)	19.868	76531	0.502 ug/ml
20) T n-Hexatriacontane (C36)	20.612	54105	0.402 ug/ml
21) T n-Octatriacontane (C38)	21.388	290372	2.476 ug/ml

(f)=RT Delta > 1/2 Window

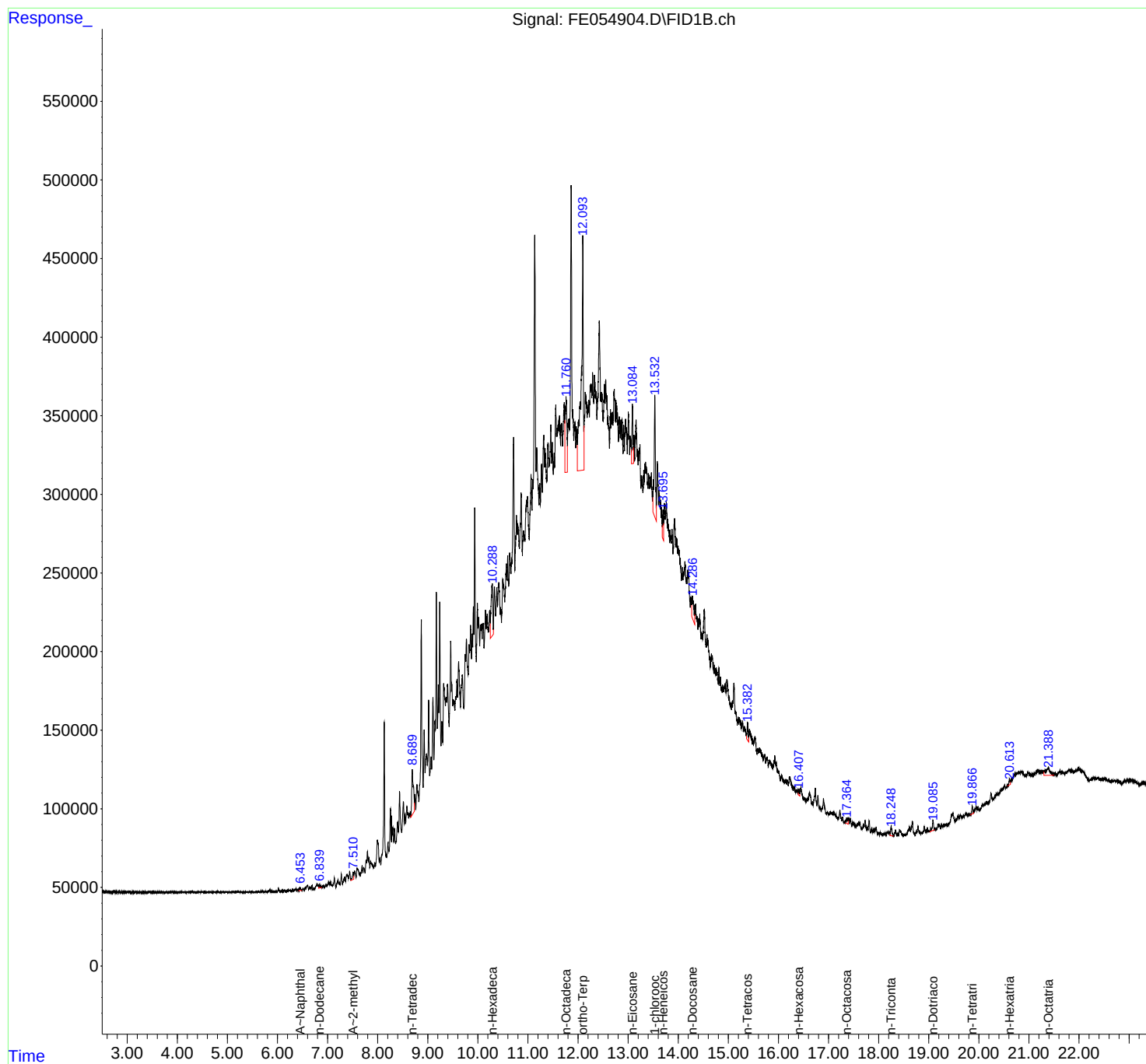
(m)=manual int.

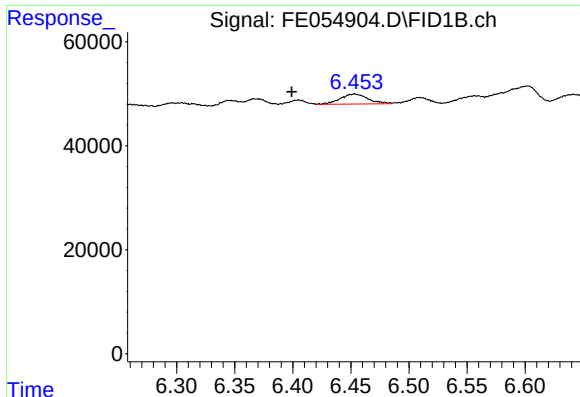
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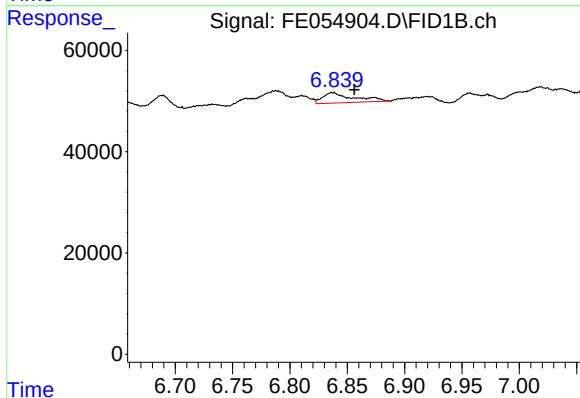




#3 A~Naphthalene (C11.7)

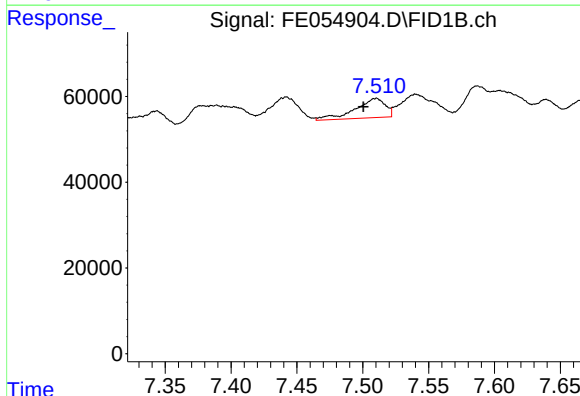
R.T.: 6.453 min
Delta R.T.: 0.054 min
Response: 32006
Conc: 0.21 ug/ml

Instrument :
FID_E
ClientSampleId :



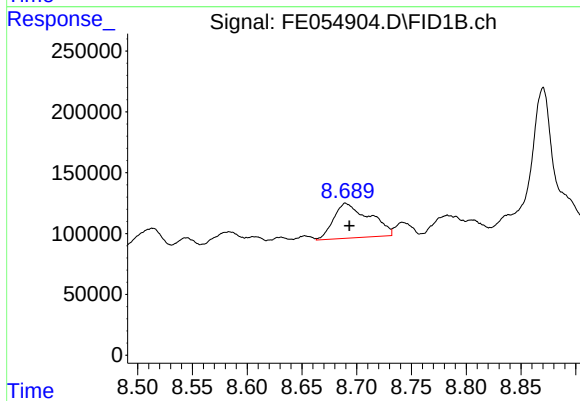
#4 n-Dodecane (C12)

R.T.: 6.837 min
Delta R.T.: -0.019 min
Response: 37883
Conc: 0.28 ug/ml



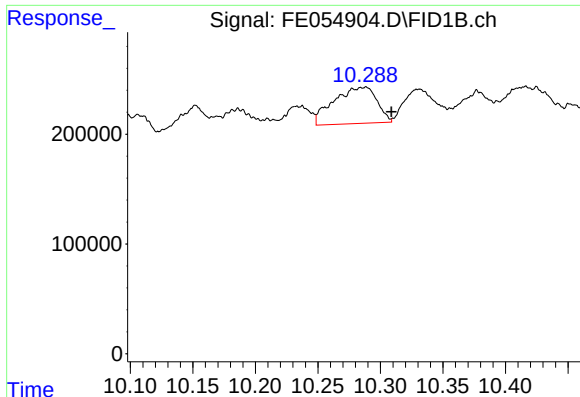
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.510 min
Delta R.T.: 0.009 min
Response: 72135
Conc: 0.49 ug/ml



#6 n-Tetradecane (C14)

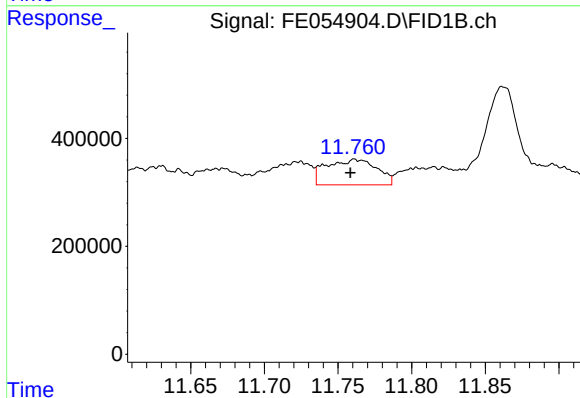
R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 648720
Conc: 4.68 ug/ml



#7 n-Hexadecane (C16)

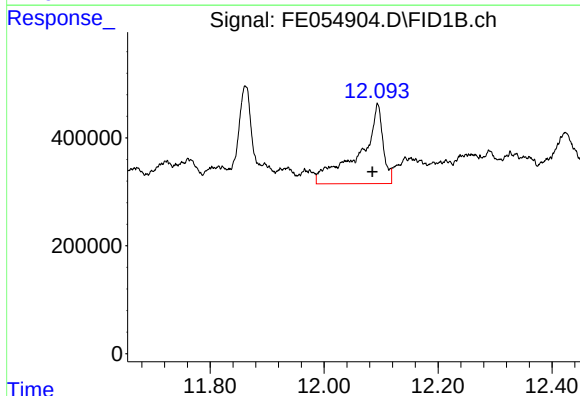
R.T.: 10.287 min
Delta R.T.: -0.022 min
Response: 793308
Conc: 5.57 ug/ml

Instrument :
FID_E
ClientSampleId :



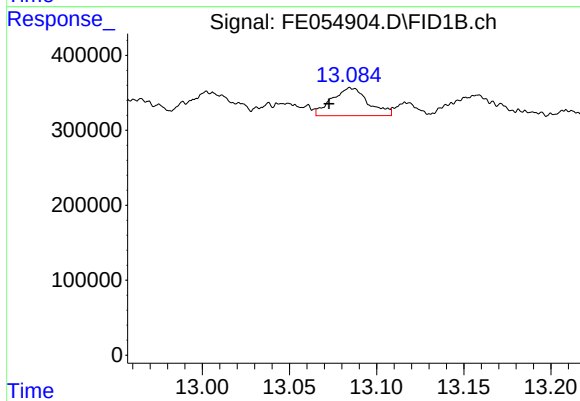
#8 n-Octadecane (C18)

R.T.: 11.763 min
Delta R.T.: 0.004 min
Response: 1125071
Conc: 7.68 ug/ml



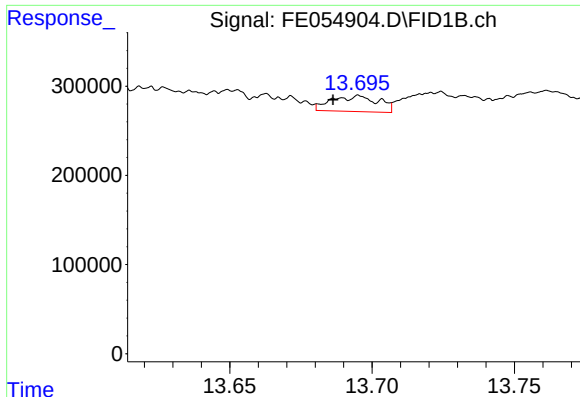
#9 ortho-Terphenyl (SURR)

R.T.: 12.094 min
Delta R.T.: 0.010 min
Response: 4213735
Conc: 25.95 ug/ml



#10 n-Eicosane (C20)

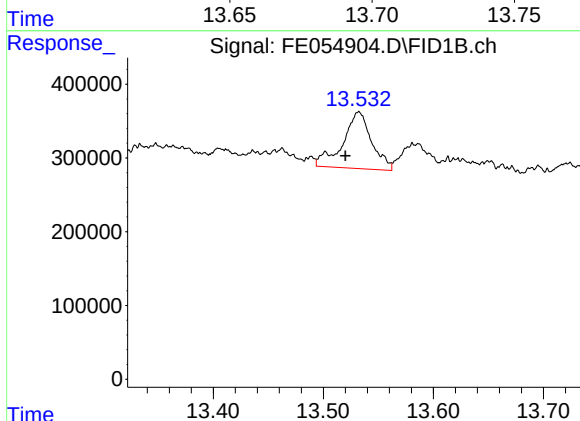
R.T.: 13.085 min
Delta R.T.: 0.013 min
Response: 538948
Conc: 3.75 ug/ml



#11 n-Heneicosane (C21)

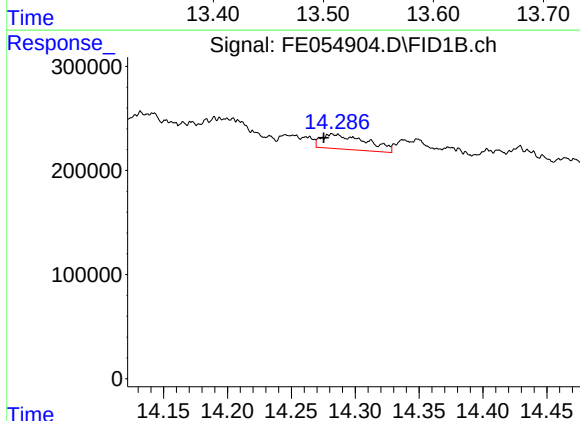
R.T.: 13.695 min
Delta R.T.: 0.008 min
Response: 203837
Conc: 1.43 ug/ml

Instrument :
FID_E
ClientSampleId :



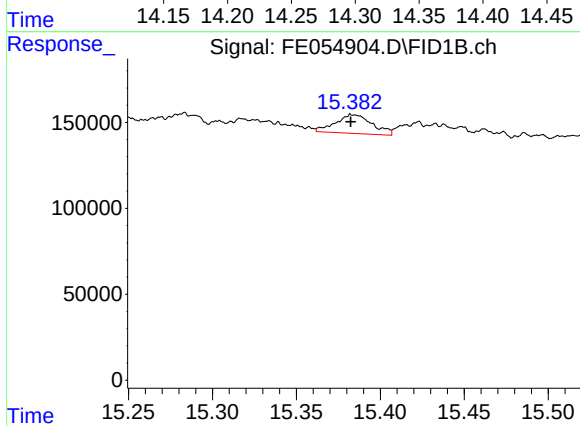
#12 1-chlorooctadecane (SURR)

R.T.: 13.532 min
Delta R.T.: 0.012 min
Response: 1404507
Conc: 11.12 ug/ml



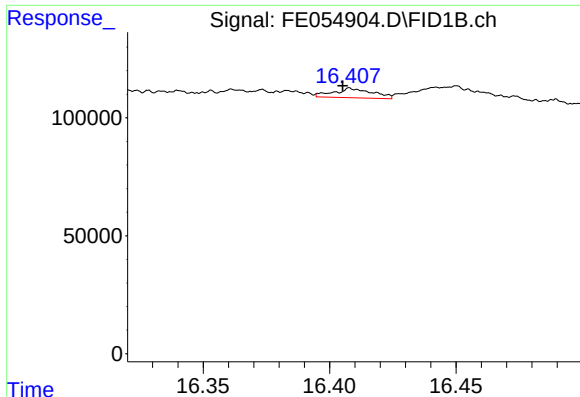
#13 n-Docosane (C22)

R.T.: 14.283 min
Delta R.T.: 0.007 min
Response: 347628
Conc: 2.43 ug/ml



#14 n-Tetracosane (C24)

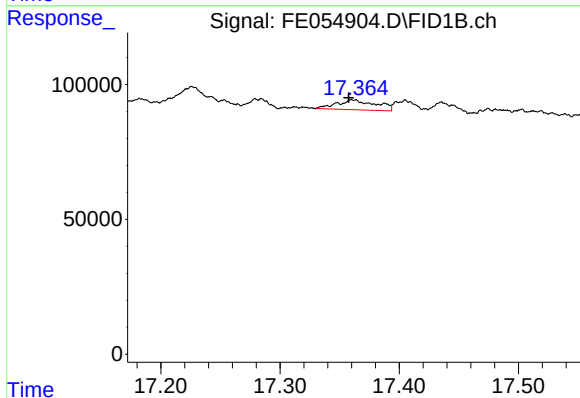
R.T.: 15.384 min
Delta R.T.: 0.002 min
Response: 167453
Conc: 1.15 ug/ml



#15 n-Hexacosane (C26)

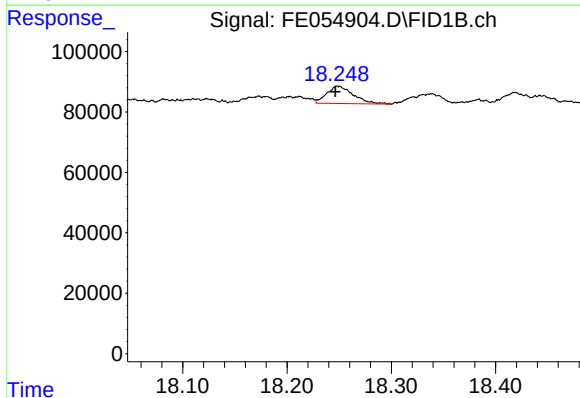
R.T.: 16.409 min
Delta R.T.: 0.004 min
Response: 42953
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



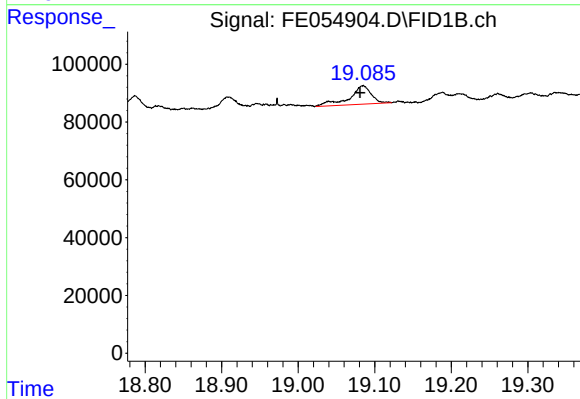
#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 83106
Conc: 0.57 ug/ml



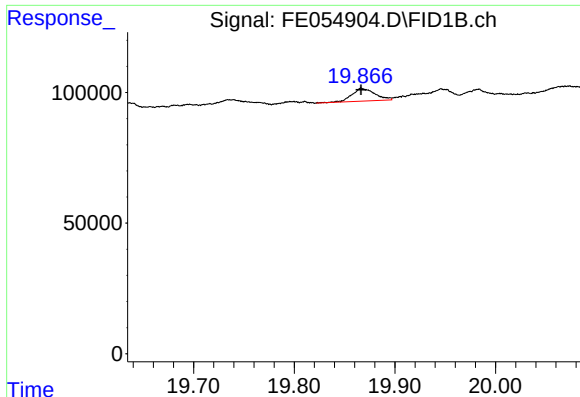
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.003 min
Response: 102419
Conc: 0.65 ug/ml



#18 n-Dotriacontane (C32)

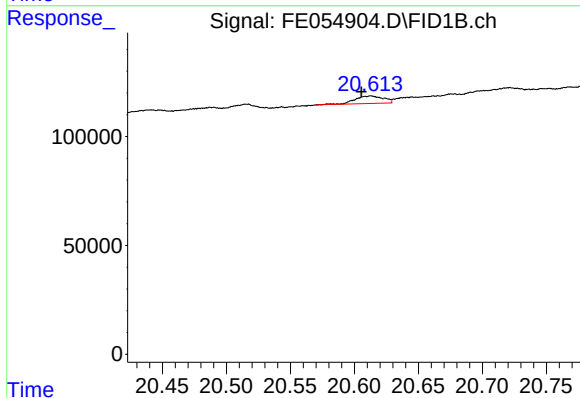
R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 126116
Conc: 0.78 ug/ml



#19 n-Tetratriacontane (C34)

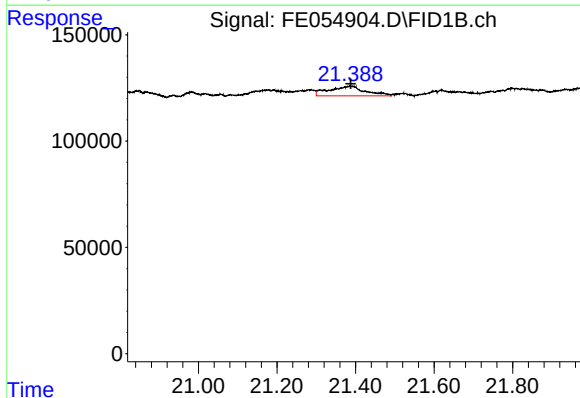
R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 76531
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.007 min
Response: 54105
Conc: 0.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.388 min
Delta R.T.: 0.000 min
Response: 290372
Conc: 2.48 ug/ml