

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050257.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2024 22:24
 Operator : YP\AJ
 Sample : P4104-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 03:47:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.853	515522	3.465 ug/ml
Spiked Amount 50.000		Recovery =	6.93%
12) S 1-chlorooctadecane (S...	13.305	4535702	40.379 ug/ml
Spiked Amount 50.000		Recovery =	80.76%
Target Compounds			
2) T n-Decane (C10)	4.508	92172	0.668 ug/ml
3) T A~Naphthalene (C11.7)	6.227	550204	3.931 ug/ml
4) T n-Dodecane (C12)	6.692	342128	2.474 ug/ml
5) T A~2-methylnaphthalene...	7.330	510159	3.881 ug/ml
6) T n-Tetradecane (C14)	8.503	87195	0.640 ug/ml
7) T n-Hexadecane (C16)	10.113	432756	3.116 ug/ml
8) T n-Octadecane (C18)	11.545	579778	4.138 ug/ml
10) T n-Eicosane (C20)	12.859	374612	2.793 ug/ml
11) T n-Heneicosane (C21)	13.518	303507	2.310 ug/ml
13) T n-Docosane (C22)	14.049	117274	0.901 ug/ml
14) T n-Tetracosane (C24)	15.155	117043	0.896 ug/ml
16) T n-Octacosane (C28)	17.140	450174	3.495 ug/ml
17) T n-Tricontane (C30)	18.006	196590	1.470 ug/ml
18) T n-Dotriacontane (C32)	18.841	96256	0.722 ug/ml
19) T n-Tetratriacontane (C34)	19.629	327791	2.653 ug/ml
20) T n-Hexatriacontane (C36)	20.359	122973	1.108 ug/ml
21) T n-Octatriacontane (C38)	21.084	75587	0.685 ug/ml
22) T n-Tetracontane (C40)	21.966	94817	0.871 ug/ml

(f)=RT Delta > 1/2 Window

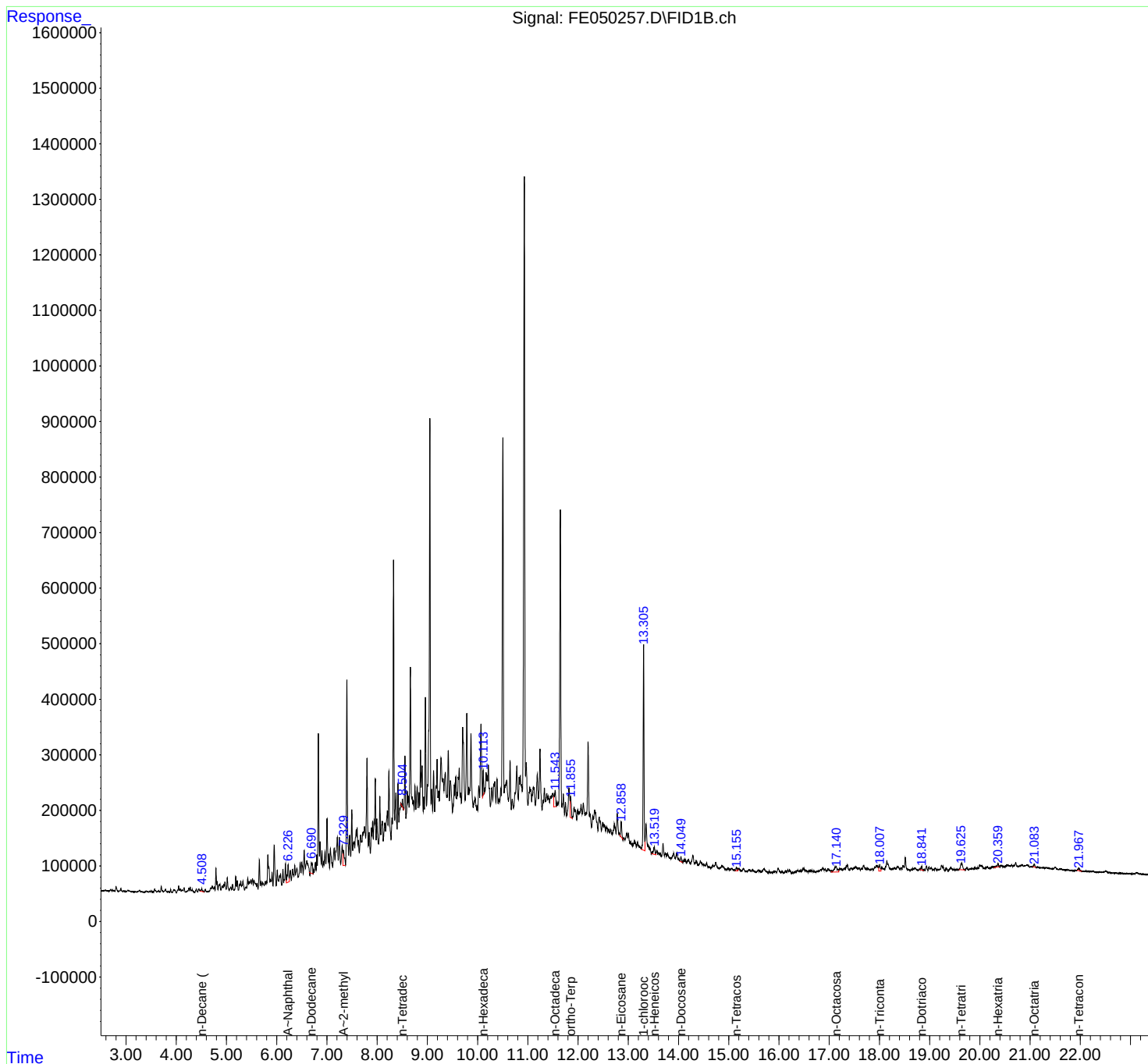
(m)=manual int.

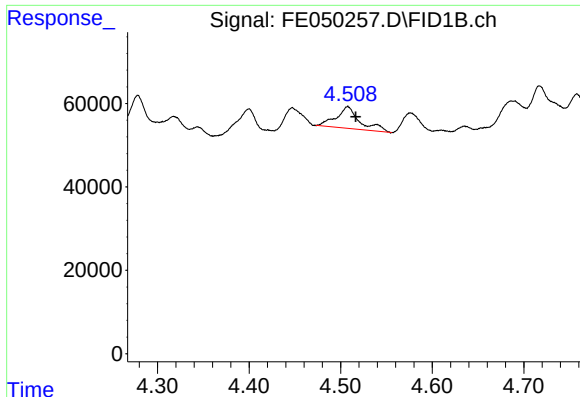
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
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Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

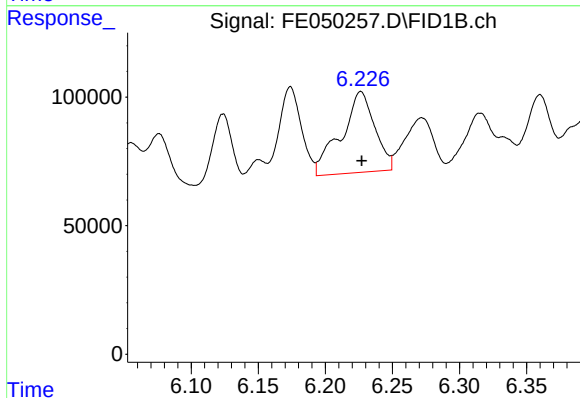




#2 n-Decane (C10)

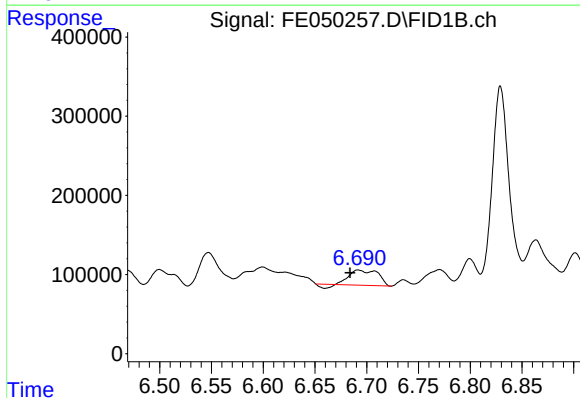
R.T.: 4.508 min
Delta R.T.: -0.009 min
Response: 92172
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :



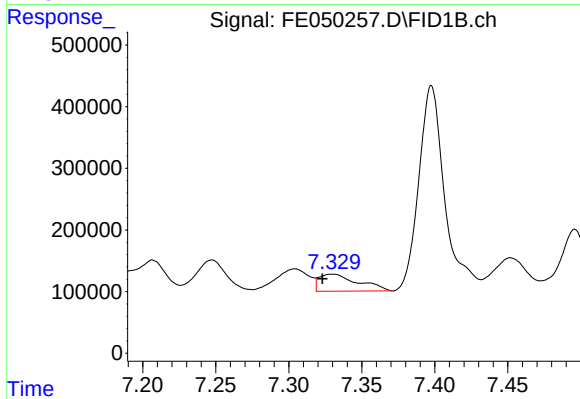
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 550204
Conc: 3.93 ug/ml



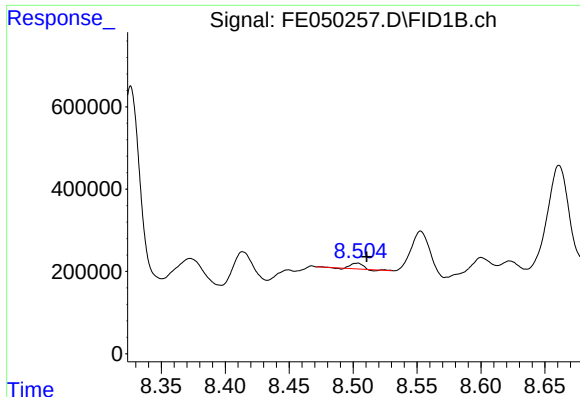
#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: 0.008 min
Response: 342128
Conc: 2.47 ug/ml



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

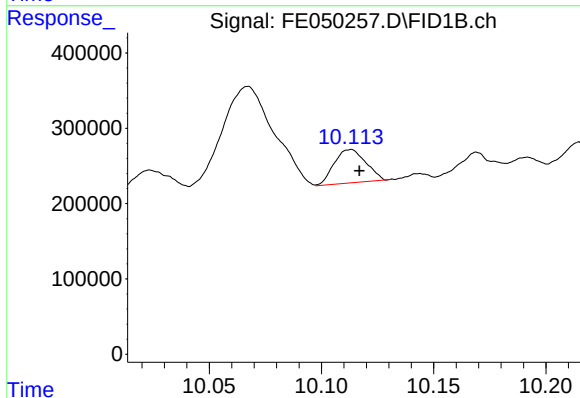
R.T.: 7.330 min
Delta R.T.: 0.007 min
Response: 510159
Conc: 3.88 ug/ml



#6 n-Tetradecane (C14)

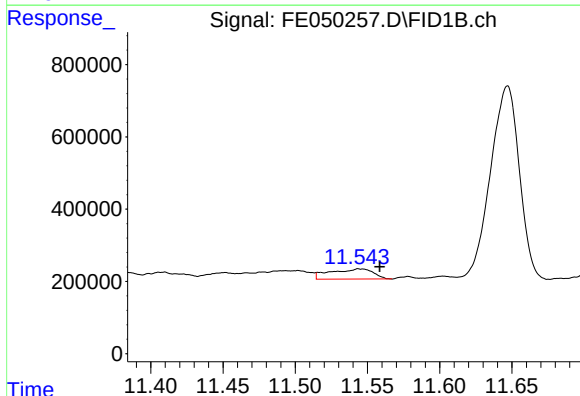
R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 87195
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :



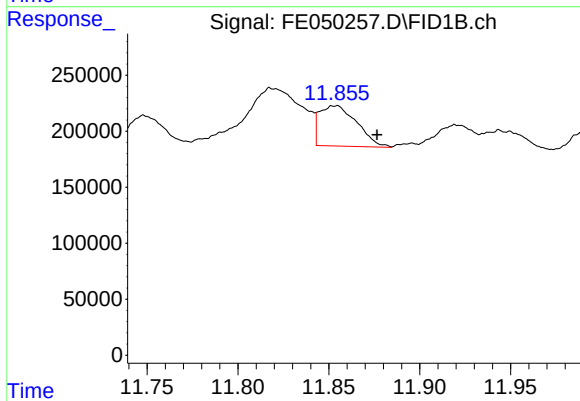
#7 n-Hexadecane (C16)

R.T.: 10.113 min
Delta R.T.: -0.004 min
Response: 432756
Conc: 3.12 ug/ml



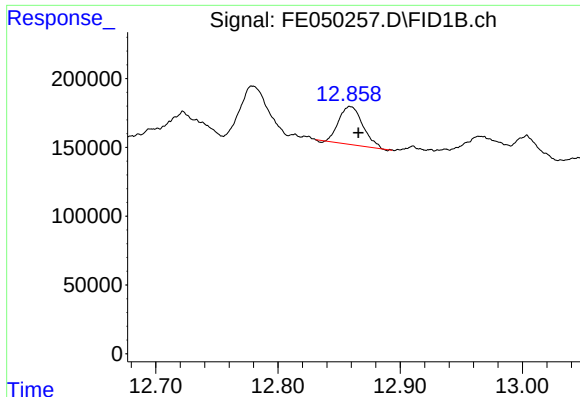
#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.013 min
Response: 579778
Conc: 4.14 ug/ml



#9 ortho-Terphenyl (SURR)

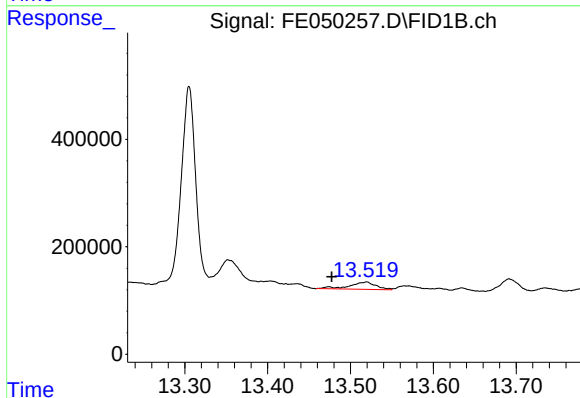
R.T.: 11.853 min
Delta R.T.: -0.023 min
Response: 515522
Conc: 3.46 ug/ml



#10 n-Eicosane (C20)

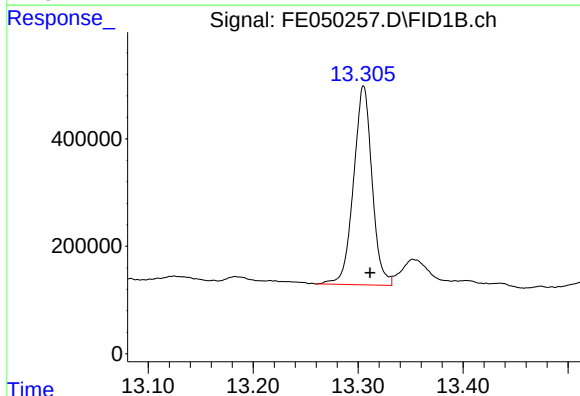
R.T.: 12.859 min
Delta R.T.: -0.007 min
Response: 374612
Conc: 2.79 ug/ml

Instrument :
FID_E
ClientSampleId :



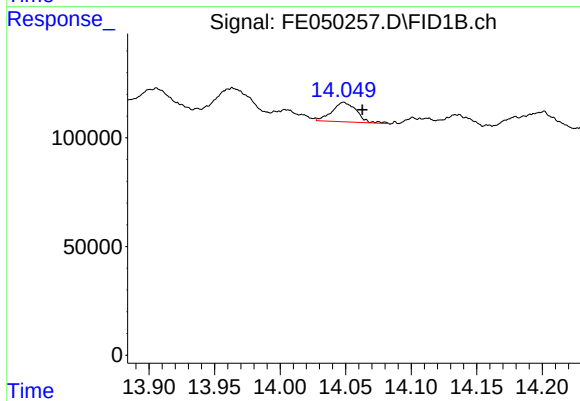
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: 0.041 min
Response: 303507
Conc: 2.31 ug/ml



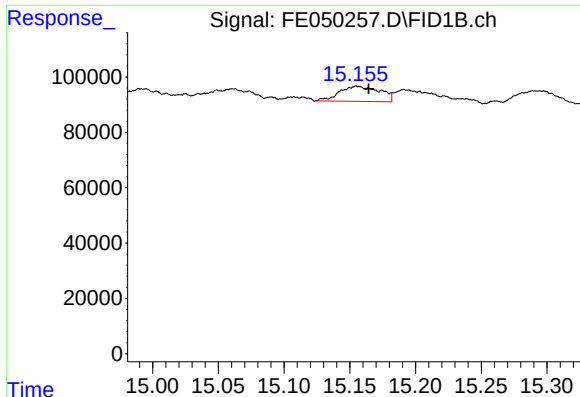
#12 1-chlorooctadecane (SURR)

R.T.: 13.305 min
Delta R.T.: -0.006 min
Response: 4535702
Conc: 40.38 ug/ml



#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 117274
Conc: 0.90 ug/ml



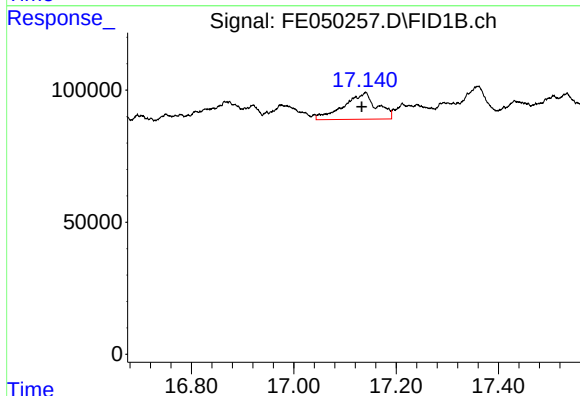
#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: -0.009 min
Response: 117043
Conc: 0.90 ug/ml

Instrument :

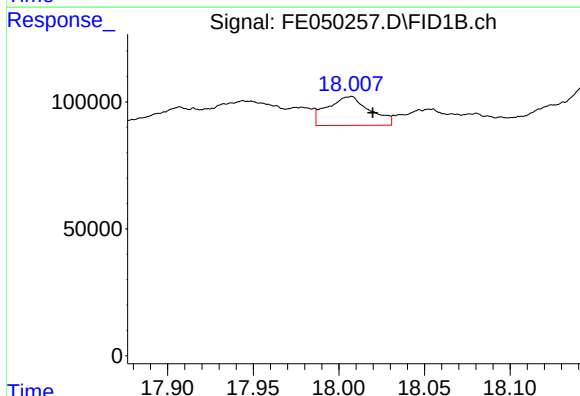
FID_E

ClientSampleId :



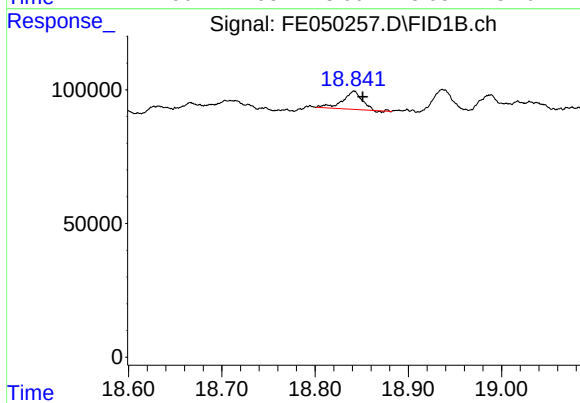
#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: 0.007 min
Response: 450174
Conc: 3.49 ug/ml



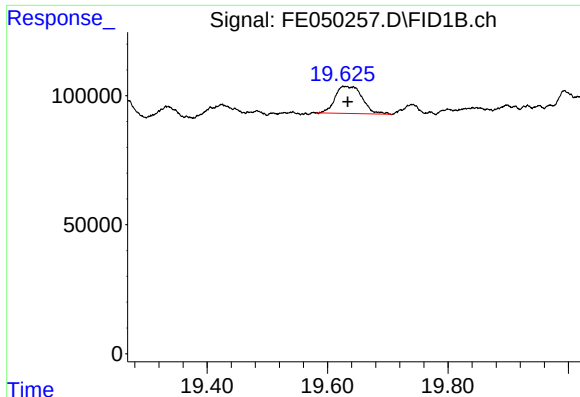
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.014 min
Response: 196590
Conc: 1.47 ug/ml



#18 n-Dotriacontane (C32)

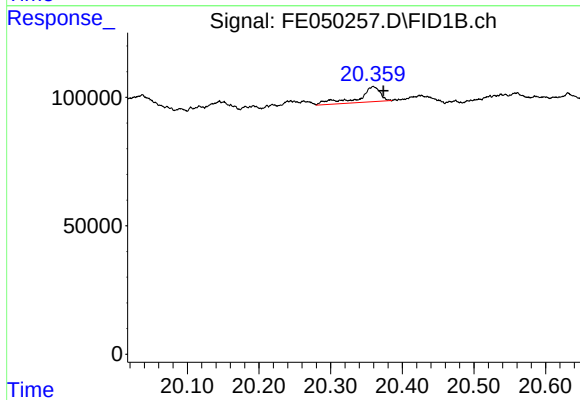
R.T.: 18.841 min
Delta R.T.: -0.010 min
Response: 96256
Conc: 0.72 ug/ml



#19 n-Tetratriacontane (C34)

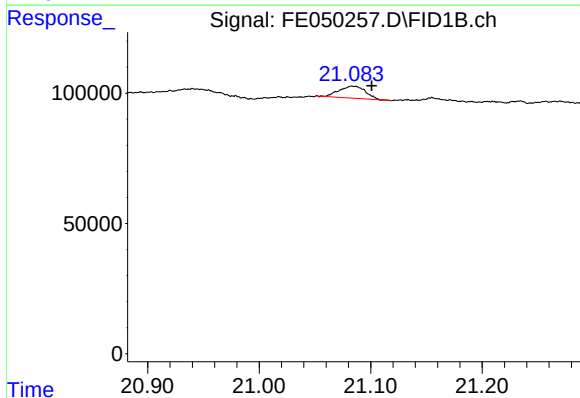
R.T.: 19.629 min
Delta R.T.: -0.005 min
Response: 327791
Conc: 2.65 ug/ml

Instrument :
FID_E
ClientSampleId :



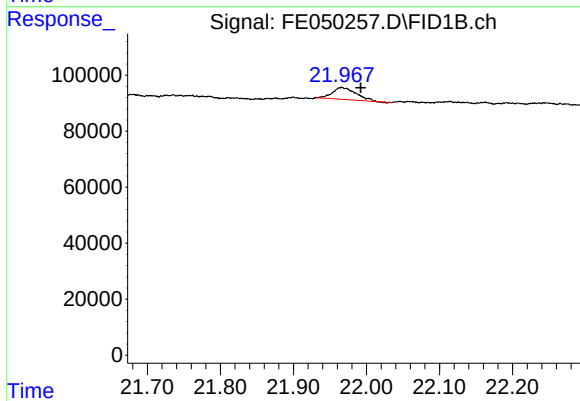
#20 n-Hexatriacontane (C36)

R.T.: 20.359 min
Delta R.T.: -0.014 min
Response: 122973
Conc: 1.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: -0.017 min
Response: 75587
Conc: 0.69 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.026 min
Response: 94817
Conc: 0.87 ug/ml