

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051123AL\
 Data File : FE041870.D
 Signal(s) : FID1B.ch
 Acq On : 11 May 2023 21:34
 Operator : YP\AJ
 Sample : 02745-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 12 01:14:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.968	5311815	28.313 ug/ml
Spiked Amount 50.000		Recovery =	56.63%
12) S 1-chlorooctadecane (S...	13.422	74836596	529.744 ug/ml
Spiked Amount 50.000		Recovery =	1059.49%
Target Compounds			
1) T n-Nonane (C9)	3.343	36062	0.245 ug/ml
2) T n-Decane (C10)	4.598	224331	1.496 ug/ml
3) T A~Naphthalene (C11.7)	6.327	356329	2.153 ug/ml
4) T n-Dodecane (C12)	6.768	1269383	8.349 ug/ml
5) T A~2-methylnaphthalene...	7.406	788617	4.891 ug/ml
6) T n-Tetradecane (C14)	8.597	2273447	14.966 ug/ml
7) T n-Hexadecane (C16)	10.204	2157231	13.518 ug/ml
8) T n-Octadecane (C18)	11.648	1788110	10.909 ug/ml
10) T n-Eicosane (C20)	12.957	1146751	7.130 ug/ml
11) T n-Heneicosane (C21)	13.599	3429608	21.520 ug/ml
13) T n-Docosane (C22)	14.156	636582	3.995 ug/ml
14) T n-Tetracosane (C24)	15.256	260410	1.615 ug/ml
15) T n-Hexacosane (C26)	16.279	219214	1.387 ug/ml
16) T n-Octacosane (C28)	17.228	397298	2.582 ug/ml
17) T n-Tricontane (C30)	18.115	280227	1.840 ug/ml
18) T n-Dotriacontane (C32)	18.946	235986	1.584 ug/ml
19) T n-Tetratriacontane (C34)	19.733	113872	0.808 ug/ml
20) T n-Hexatriacontane (C36)	20.470	300357	2.246 ug/ml
21) T n-Octatriacontane (C38)	21.214	351184	2.658 ug/ml
22) T n-Tetracontane (C40)	22.162	289698	2.288 ug/ml

(f)=RT Delta > 1/2 Window

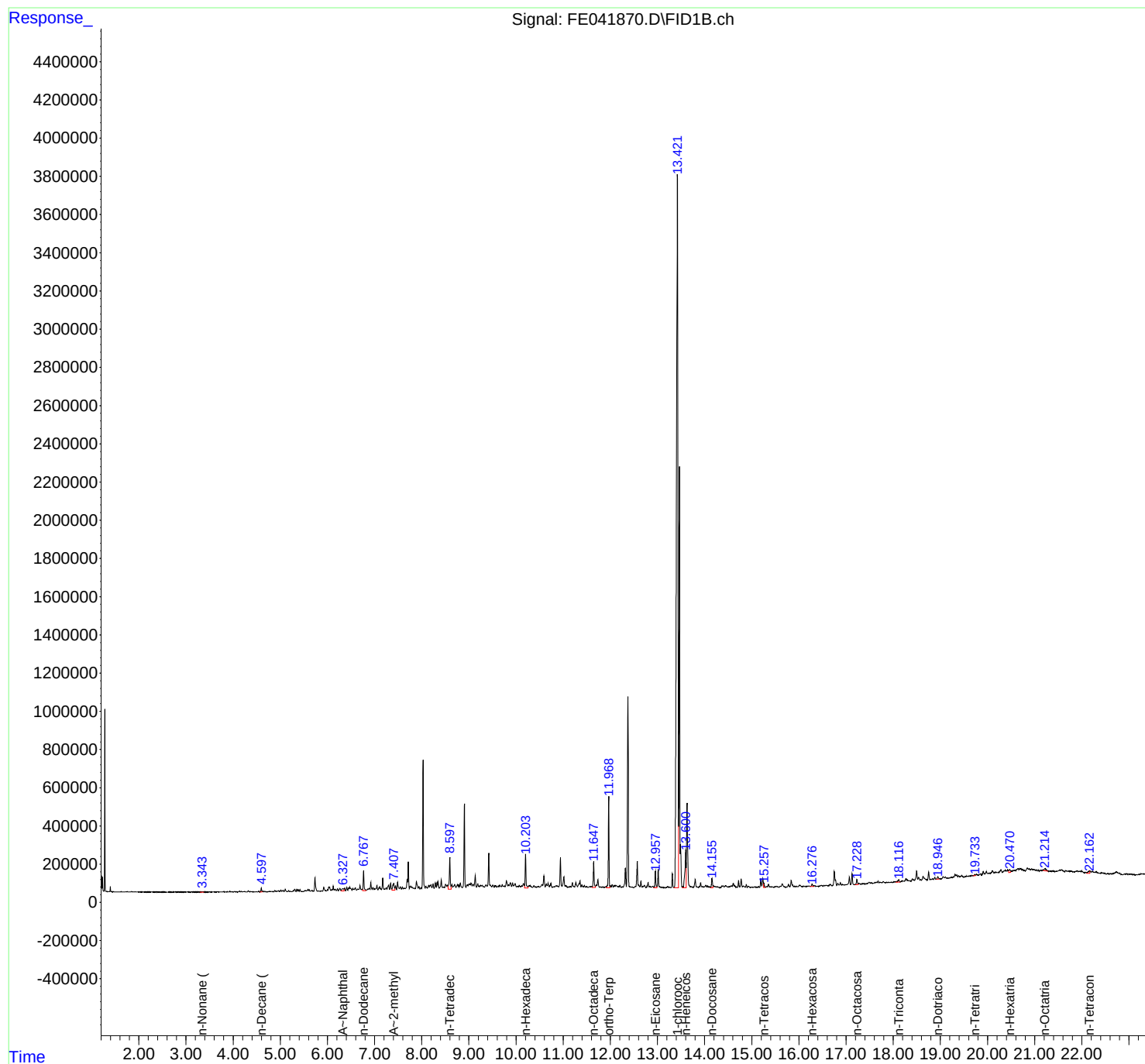
(m)=manual int.

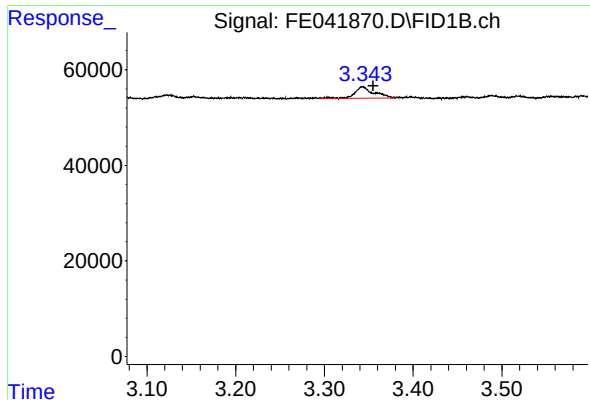
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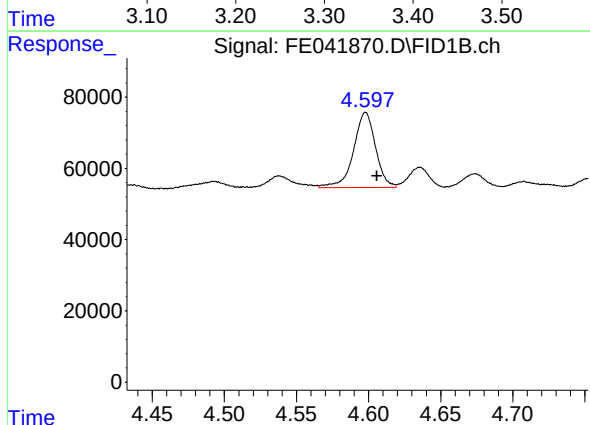




#1 n-Nonane (C9)

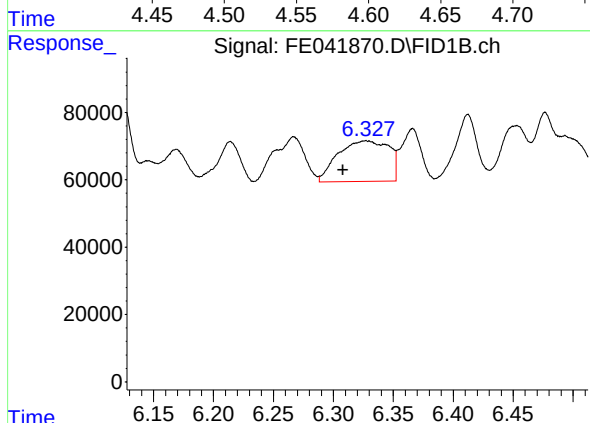
R.T.: 3.343 min
Delta R.T.: -0.012 min
Response: 36062
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



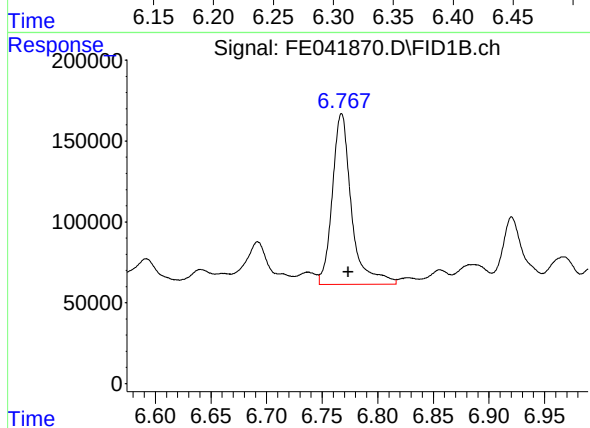
#2 n-Decane (C10)

R.T.: 4.598 min
Delta R.T.: -0.008 min
Response: 224331
Conc: 1.50 ug/ml



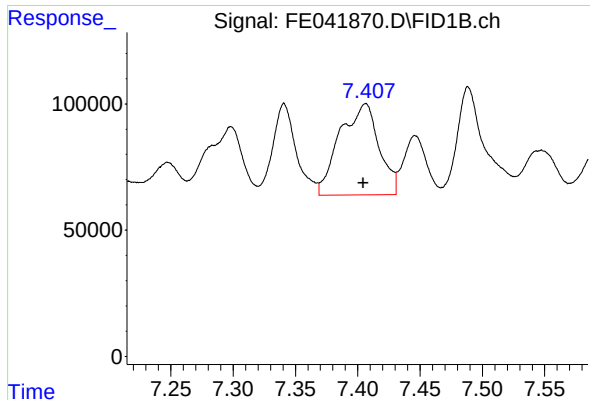
#3 A~Naphthalene (C11.7)

R.T.: 6.327 min
Delta R.T.: 0.019 min
Response: 356329
Conc: 2.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 1269383
Conc: 8.35 ug/ml



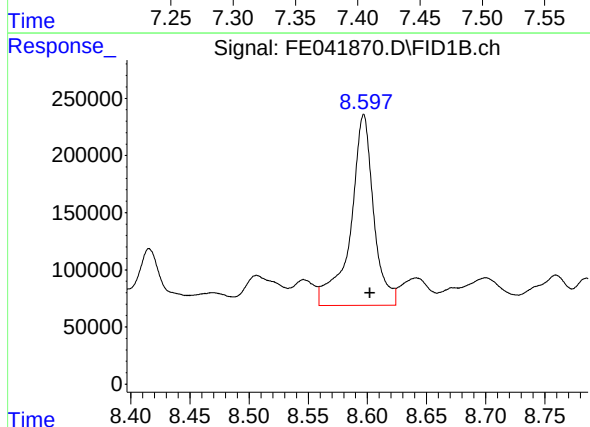
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: 0.002 min
Response: 788617
Conc: 4.89 ug/ml

Instrument :

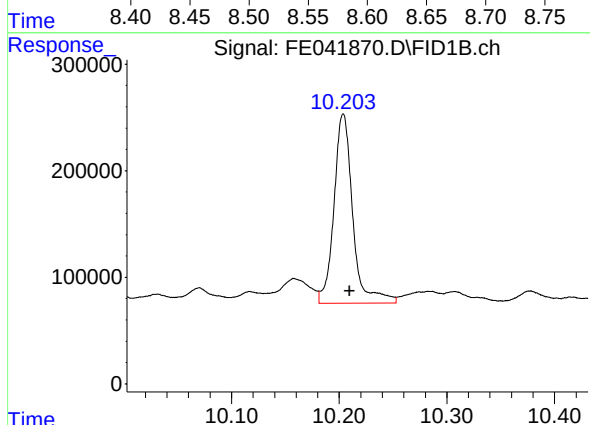
FID_E

ClientSampleId :



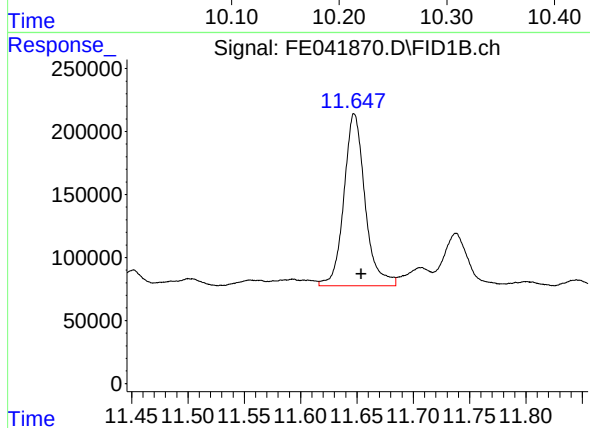
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.005 min
Response: 2273447
Conc: 14.97 ug/ml



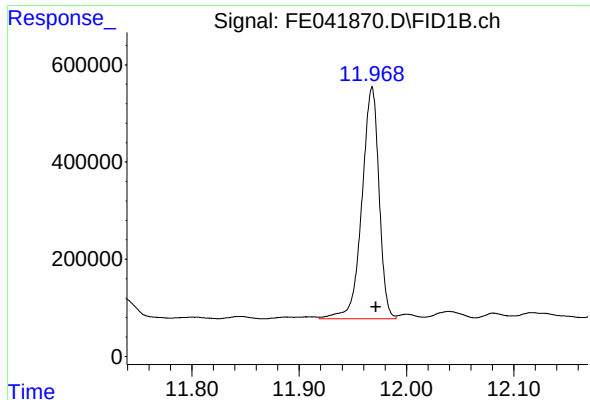
#7 n-Hexadecane (C16)

R.T.: 10.204 min
Delta R.T.: -0.006 min
Response: 2157231
Conc: 13.52 ug/ml



#8 n-Octadecane (C18)

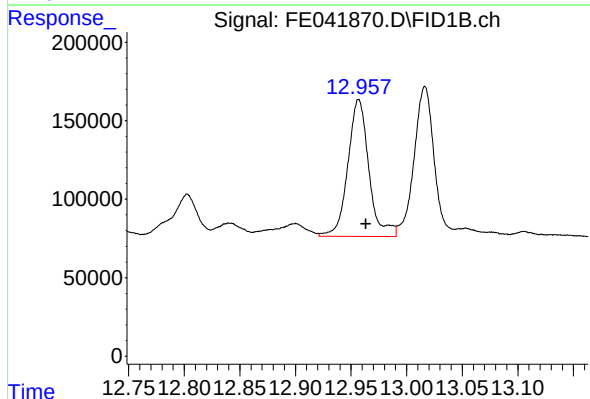
R.T.: 11.648 min
Delta R.T.: -0.006 min
Response: 1788110
Conc: 10.91 ug/ml



#9 ortho-Terphenyl (SURR)

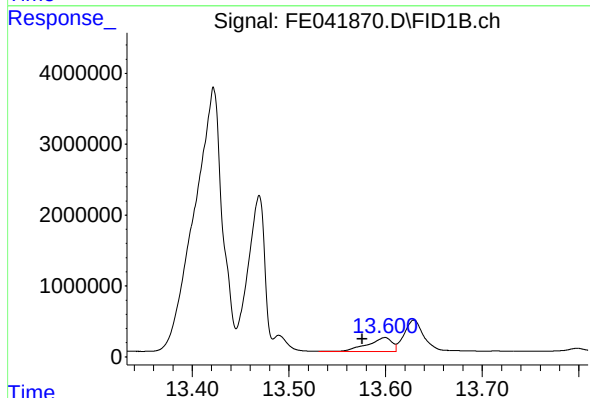
R.T.: 11.968 min
Delta R.T.: -0.004 min
Response: 5311815
Conc: 28.31 ug/ml

Instrument :
FID_E
ClientSampleId :



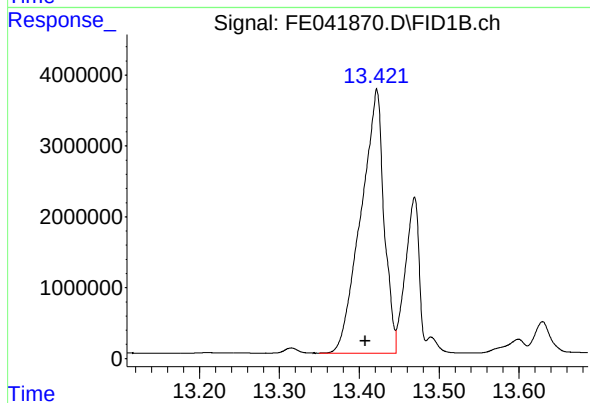
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: -0.007 min
Response: 1146751
Conc: 7.13 ug/ml



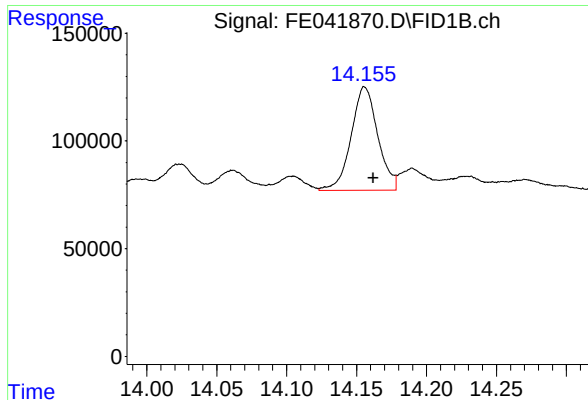
#11 n-Heneicosane (C21)

R.T.: 13.599 min
Delta R.T.: 0.024 min
Response: 3429608
Conc: 21.52 ug/ml



#12 1-chlorooctadecane (SURR)

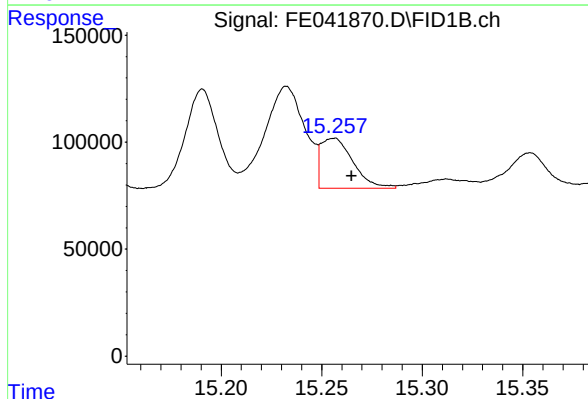
R.T.: 13.422 min
Delta R.T.: 0.015 min
Response: 74836596
Conc: 529.74 ug/ml



#13 n-Docosane (C22)

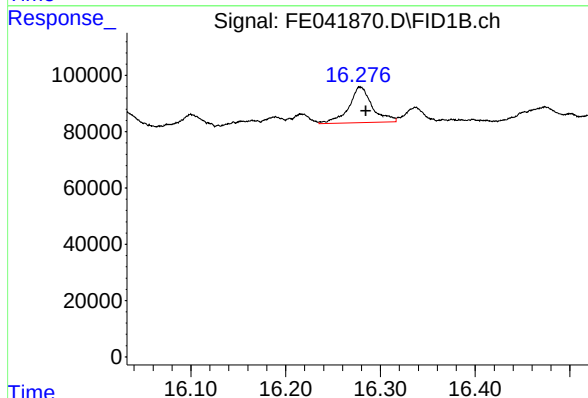
R.T.: 14.156 min
Delta R.T.: -0.006 min
Response: 636582
Conc: 4.00 ug/ml

Instrument :
FID_E
ClientSampleId :



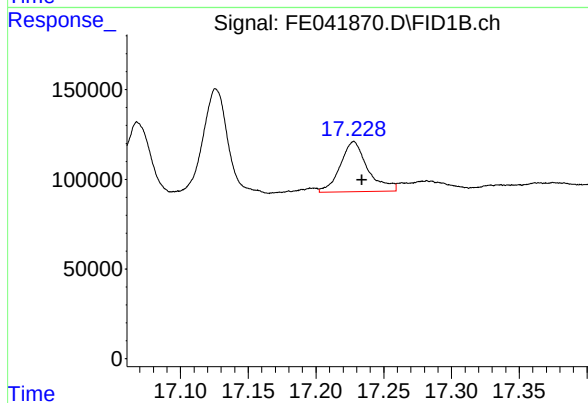
#14 n-Tetracosane (C24)

R.T.: 15.256 min
Delta R.T.: -0.009 min
Response: 260410
Conc: 1.62 ug/ml



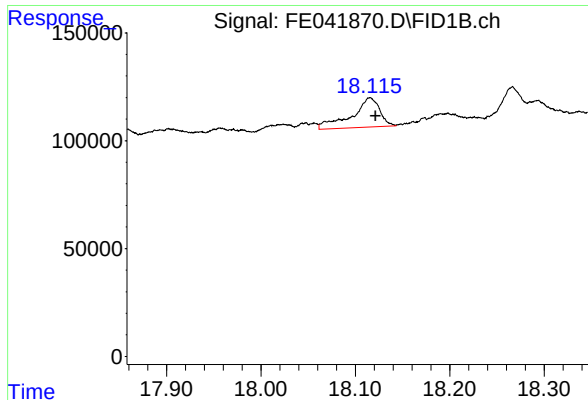
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.006 min
Response: 219214
Conc: 1.39 ug/ml



#16 n-Octacosane (C28)

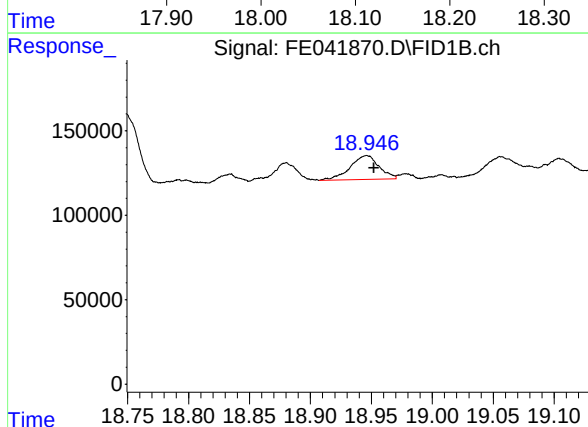
R.T.: 17.228 min
Delta R.T.: -0.006 min
Response: 397298
Conc: 2.58 ug/ml



#17 n-Tricontane (C30)

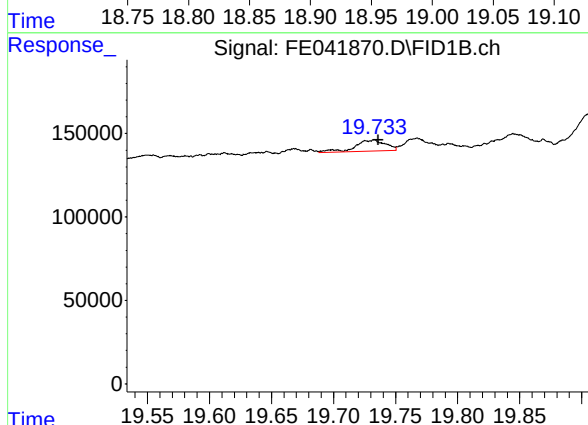
R.T.: 18.115 min
Delta R.T.: -0.006 min
Response: 280227
Conc: 1.84 ug/ml

Instrument :
FID_E
ClientSampleId :



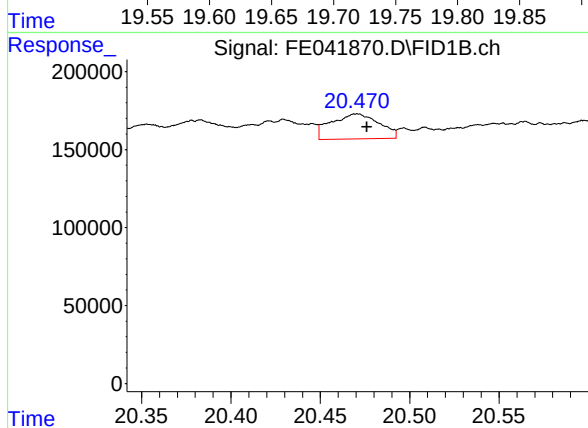
#18 n-Dotriacontane (C32)

R.T.: 18.946 min
Delta R.T.: -0.006 min
Response: 235986
Conc: 1.58 ug/ml



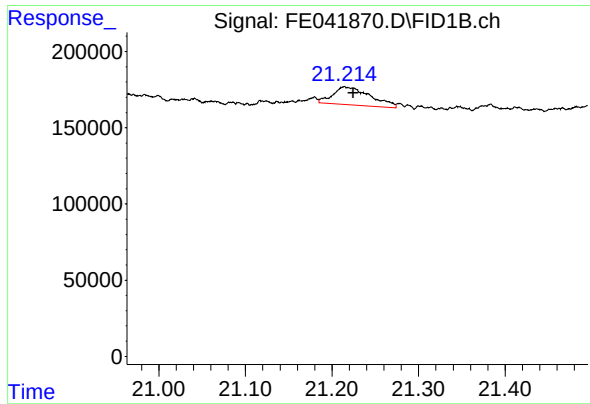
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 113872
Conc: 0.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: -0.006 min
Response: 300357
Conc: 2.25 ug/ml



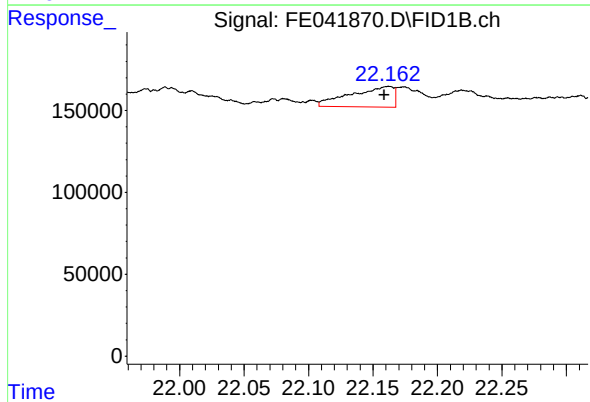
#21 n-Octatriacontane (C38)

R.T.: 21.214 min
Delta R.T.: -0.011 min
Response: 351184
Conc: 2.66 ug/ml

Instrument :

FID_E

ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.162 min
Delta R.T.: 0.003 min
Response: 289698
Conc: 2.29 ug/ml