

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010924AL\
 Data File : FE046124.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jan 2024 17:11
 Operator : YP\AJ
 Sample : P1067-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 10 02:38:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.845	8302426	45.687 ug/ml
Spiked Amount 50.000		Recovery =	91.37%
12) S 1-chlorooctadecane (S...	13.302	10385963	77.733 ug/ml
Spiked Amount 50.000		Recovery =	155.47%
Target Compounds			
1) T n-Nonane (C9)	3.213	147979	0.967 ug/ml
2) T n-Decane (C10)	4.467	386630	2.491 ug/ml
3) T A~Naphthalene (C11.7)	6.173	956153	5.749 ug/ml
4) T n-Dodecane (C12)	6.636	653582	4.186 ug/ml
5) T A~2-methylnaphthalene...	7.269	2091649	13.138 ug/ml
6) T n-Tetradecane (C14)	8.464	447293	2.871 ug/ml
7) T n-Hexadecane (C16)	10.077	418522	2.643 ug/ml
8) T n-Octadecane (C18)	11.527	617020	3.920 ug/ml
10) T n-Eicosane (C20)	12.854	3815713	25.223 ug/ml
11) T n-Heneicosane (C21)	13.445	740397	5.035 ug/ml
13) T n-Docosane (C22)	14.061	8535215	58.392 ug/ml
14) T n-Tetracosane (C24)	15.145	2369398	16.337 ug/ml
15) T n-Hexacosane (C26)	16.162	4387530	30.603 ug/ml
16) T n-Octacosane (C28)	17.120	181992	1.269 ug/ml
17) T n-Tricontane (C30)	17.998	4354182	29.294 ug/ml
18) T n-Dotriacontane (C32)	18.866	595065	3.979 ug/ml
19) T n-Tetratriacontane (C34)	19.635	183710	1.282 ug/ml
20) T n-Hexatriacontane (C36)	20.372	138457	0.950 ug/ml
21) T n-Octatriacontane (C38)	21.119	28309	0.192 ug/ml
22) T n-Tetracontane (C40)	22.021	151332	0.967 ug/ml

(f)=RT Delta > 1/2 Window

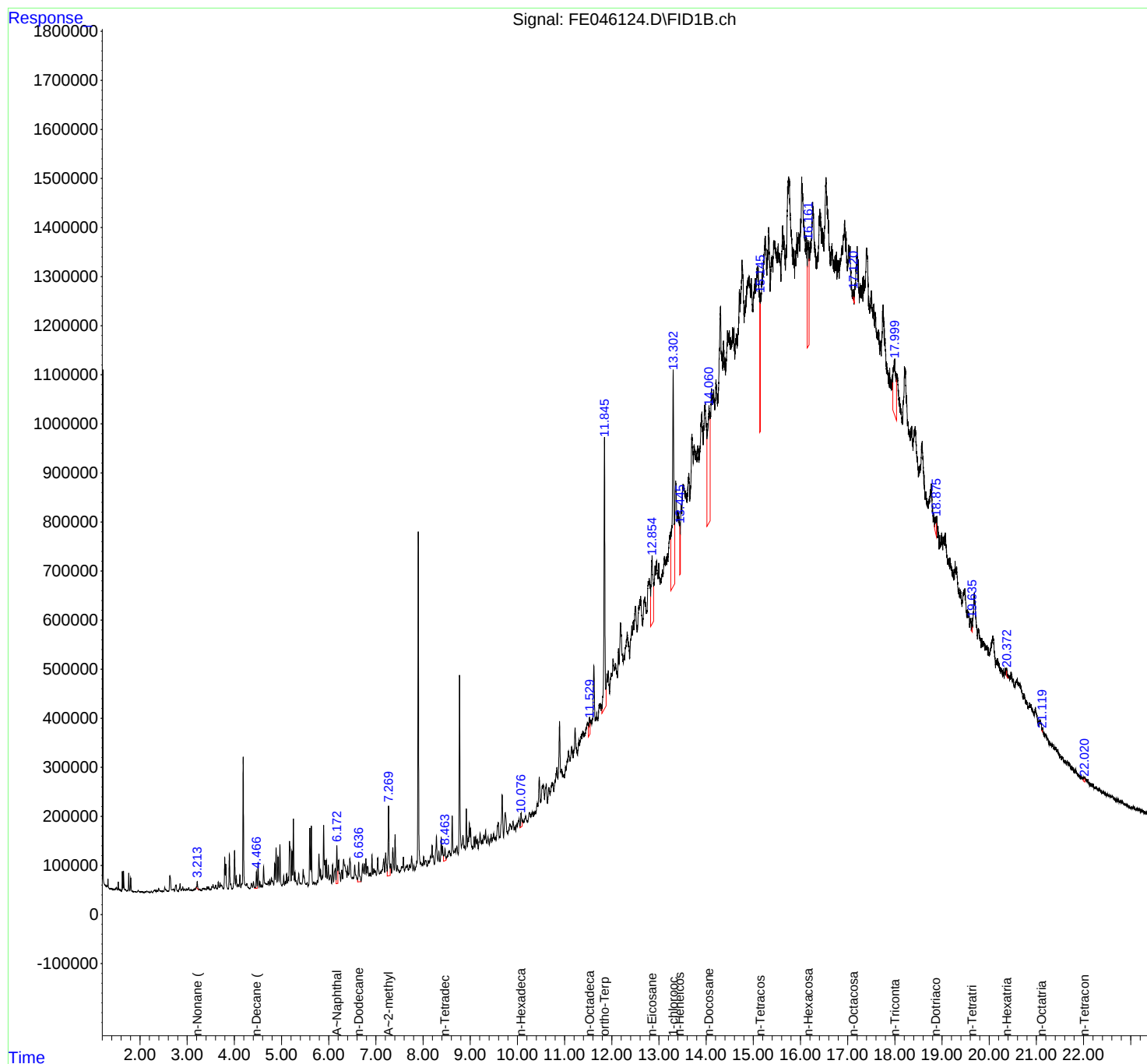
(m)=manual int.

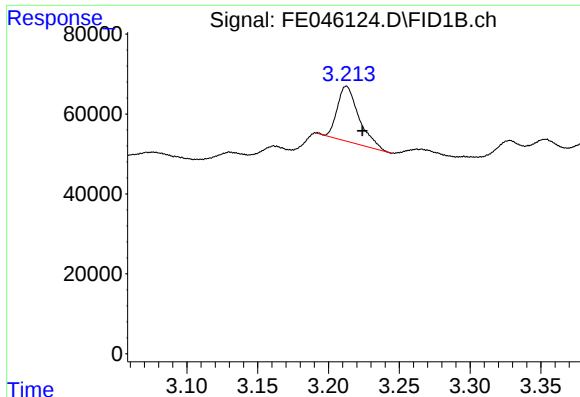
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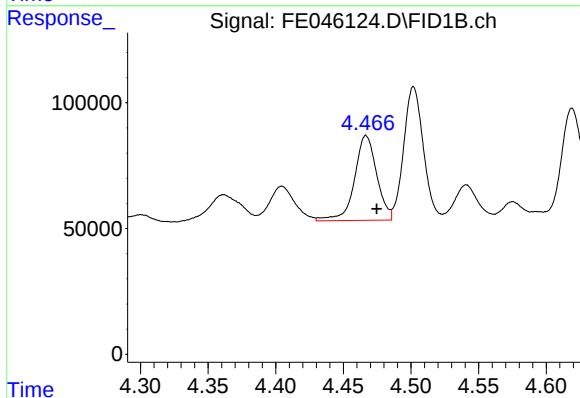




#1 n-Nonane (C9)

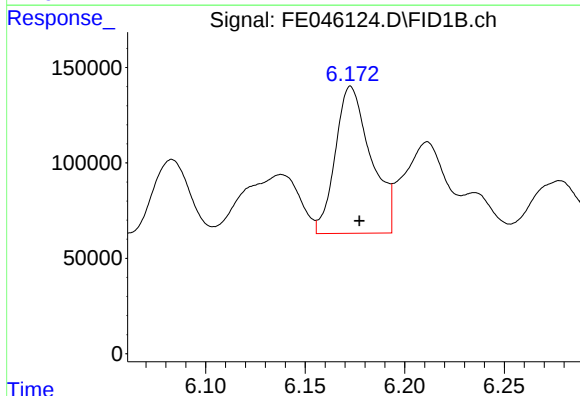
R.T.: 3.213 min
Delta R.T.: -0.011 min
Response: 147979
Conc: 0.97 ug/ml

Instrument :
FID_E
ClientSampleId :



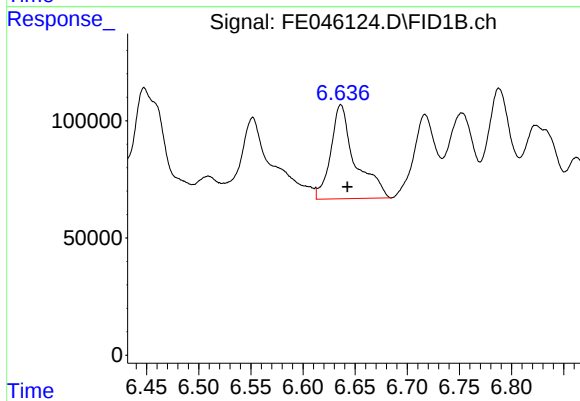
#2 n-Decane (C10)

R.T.: 4.467 min
Delta R.T.: -0.008 min
Response: 386630
Conc: 2.49 ug/ml



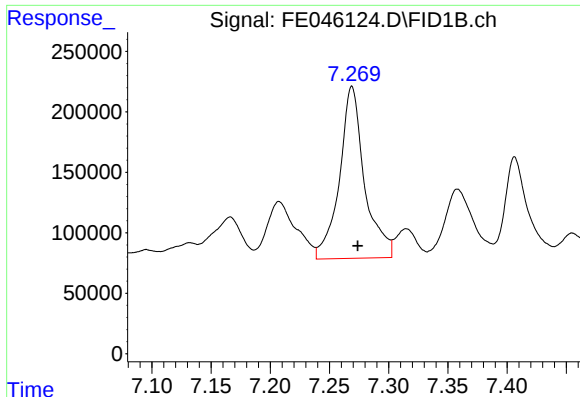
#3 A~Naphthalene (C11.7)

R.T.: 6.173 min
Delta R.T.: -0.004 min
Response: 956153
Conc: 5.75 ug/ml



#4 n-Dodecane (C12)

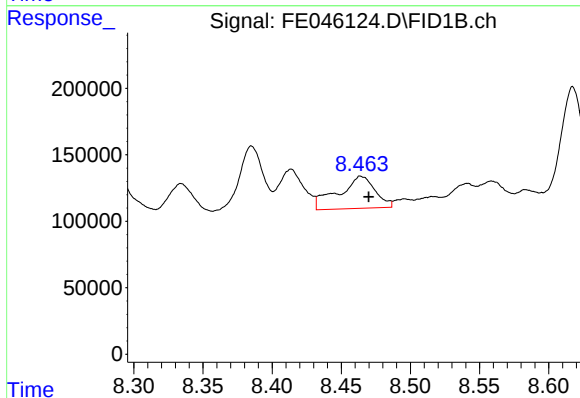
R.T.: 6.636 min
Delta R.T.: -0.006 min
Response: 653582
Conc: 4.19 ug/ml



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

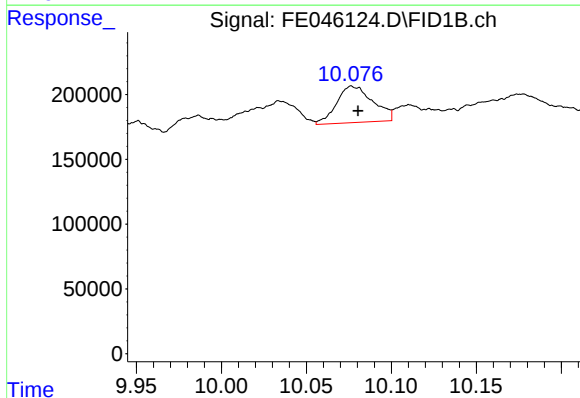
R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 2091649
Conc: 13.14 ug/ml

Instrument :
FID_E
ClientSampleId :



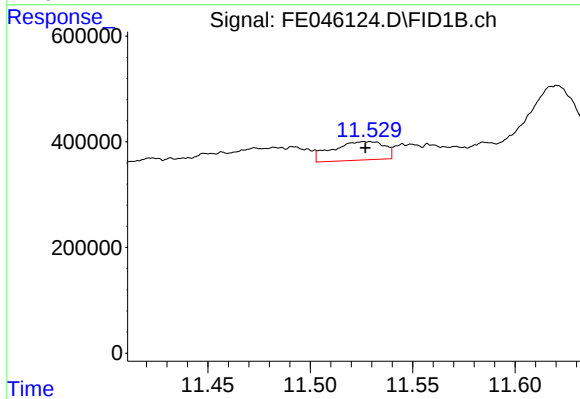
#6 n-Tetradecane (C14)

R.T.: 8.464 min
Delta R.T.: -0.006 min
Response: 447293
Conc: 2.87 ug/ml



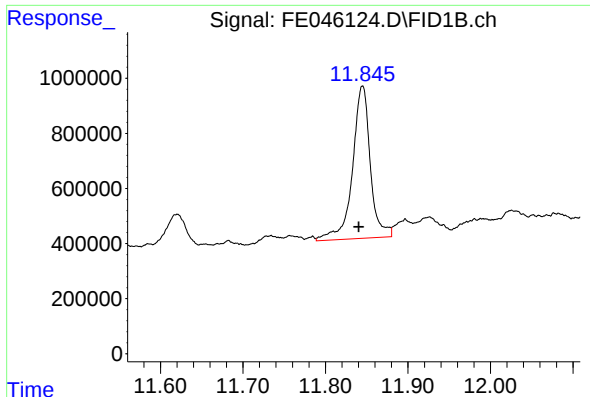
#7 n-Hexadecane (C16)

R.T.: 10.077 min
Delta R.T.: -0.004 min
Response: 418522
Conc: 2.64 ug/ml



#8 n-Octadecane (C18)

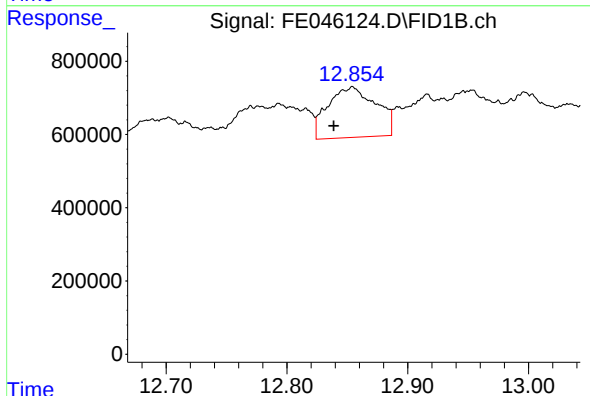
R.T.: 11.527 min
Delta R.T.: 0.000 min
Response: 617020
Conc: 3.92 ug/ml



#9 ortho-Terphenyl (SURR)

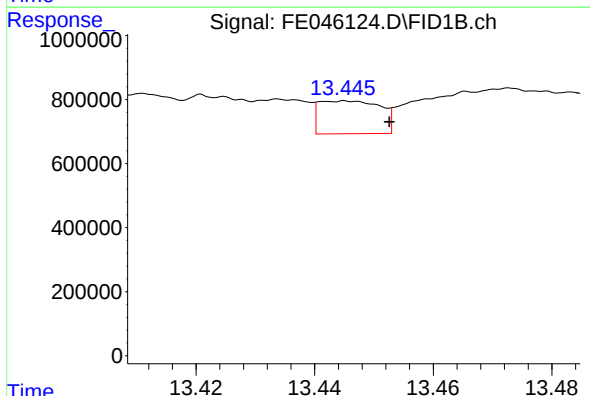
R.T.: 11.845 min
Delta R.T.: 0.005 min
Response: 8302426
Conc: 45.69 ug/ml

Instrument :
FID_E
ClientSampleId :



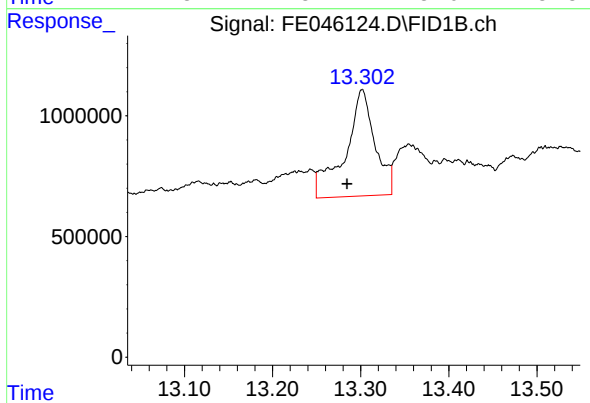
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.016 min
Response: 3815713
Conc: 25.22 ug/ml



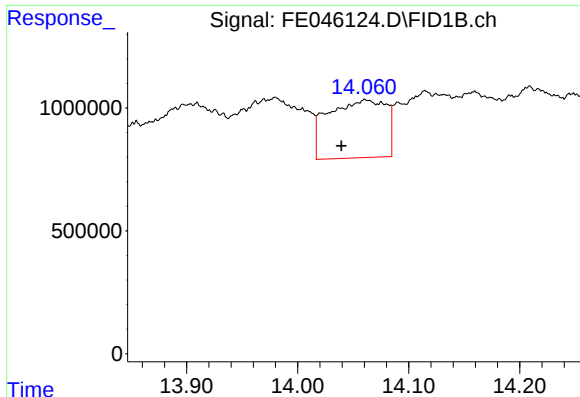
#11 n-Heneicosane (C21)

R.T.: 13.445 min
Delta R.T.: -0.008 min
Response: 740397
Conc: 5.03 ug/ml



#12 1-chlorooctadecane (SURR)

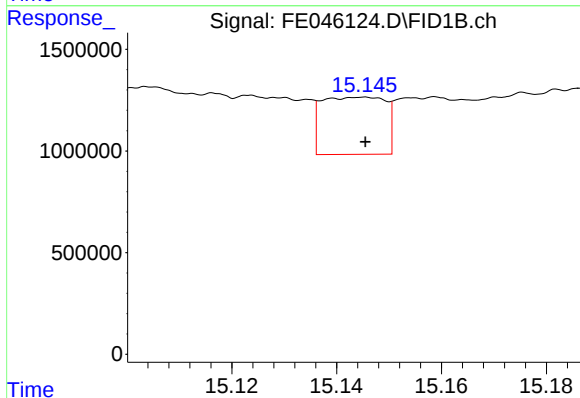
R.T.: 13.302 min
Delta R.T.: 0.017 min
Response: 10385963
Conc: 77.73 ug/ml



#13 n-Docosane (C22)

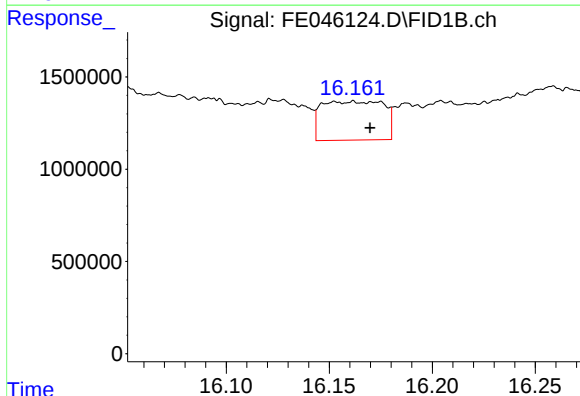
R.T.: 14.061 min
Delta R.T.: 0.021 min
Response: 8535215
Conc: 58.39 ug/ml

Instrument :
FID_E
ClientSampleId :



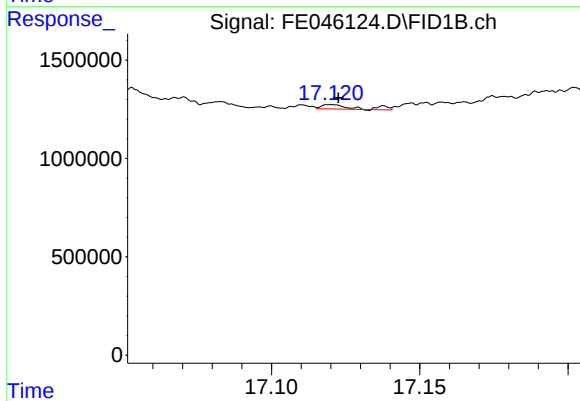
#14 n-Tetracosane (C24)

R.T.: 15.145 min
Delta R.T.: 0.000 min
Response: 2369398
Conc: 16.34 ug/ml



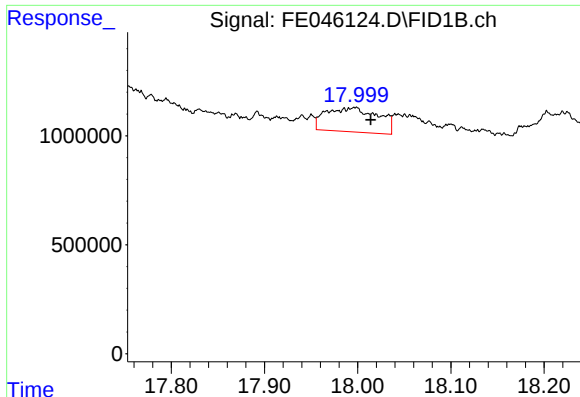
#15 n-Hexacosane (C26)

R.T.: 16.162 min
Delta R.T.: -0.008 min
Response: 4387530
Conc: 30.60 ug/ml



#16 n-Octacosane (C28)

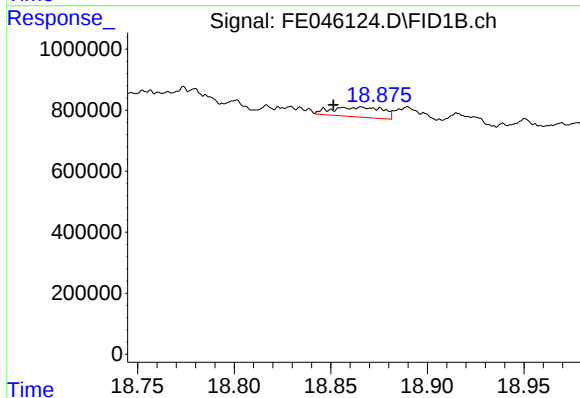
R.T.: 17.120 min
Delta R.T.: -0.002 min
Response: 181992
Conc: 1.27 ug/ml



#17 n-Tricontane (C30)

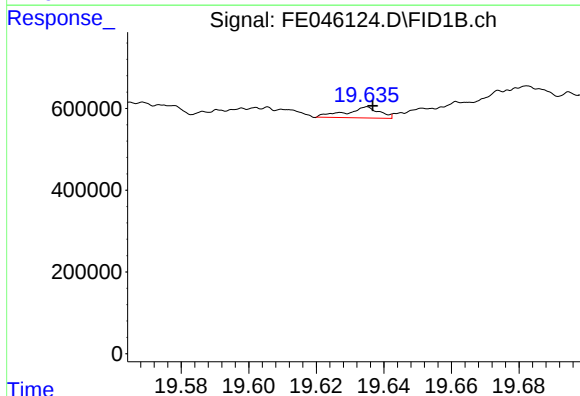
R.T.: 17.998 min
Delta R.T.: -0.016 min
Response: 4354182
Conc: 29.29 ug/ml

Instrument :
FID_E
ClientSampleId :



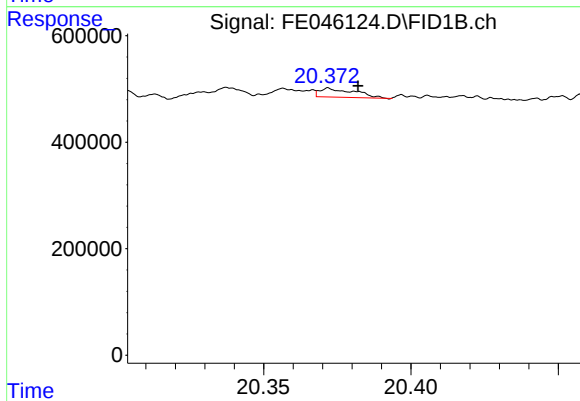
#18 n-Dotriacontane (C32)

R.T.: 18.866 min
Delta R.T.: 0.015 min
Response: 595065
Conc: 3.98 ug/ml



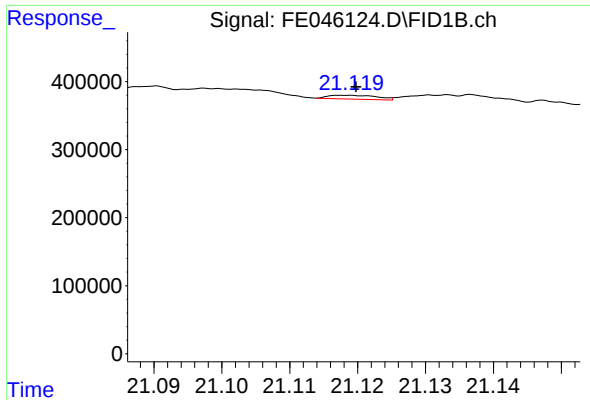
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.002 min
Response: 183710
Conc: 1.28 ug/ml



#20 n-Hexatriacontane (C36)

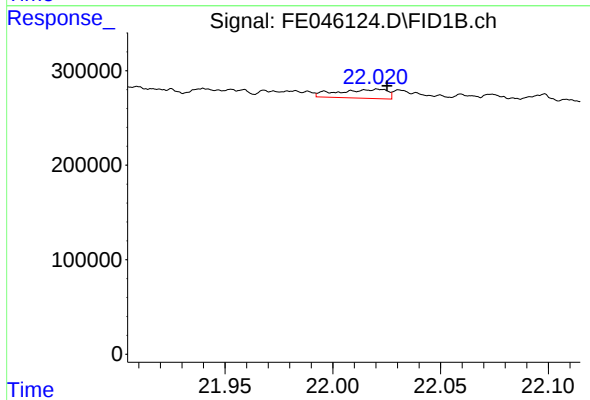
R.T.: 20.372 min
Delta R.T.: -0.010 min
Response: 138457
Conc: 0.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.119 min
Delta R.T.: 0.000 min
Response: 28309
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.004 min
Response: 151332
Conc: 0.97 ug/ml