

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070824AL\
 Data File : FE049005.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jul 2024 07:41
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 08 10:39:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 20 17:53:58 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

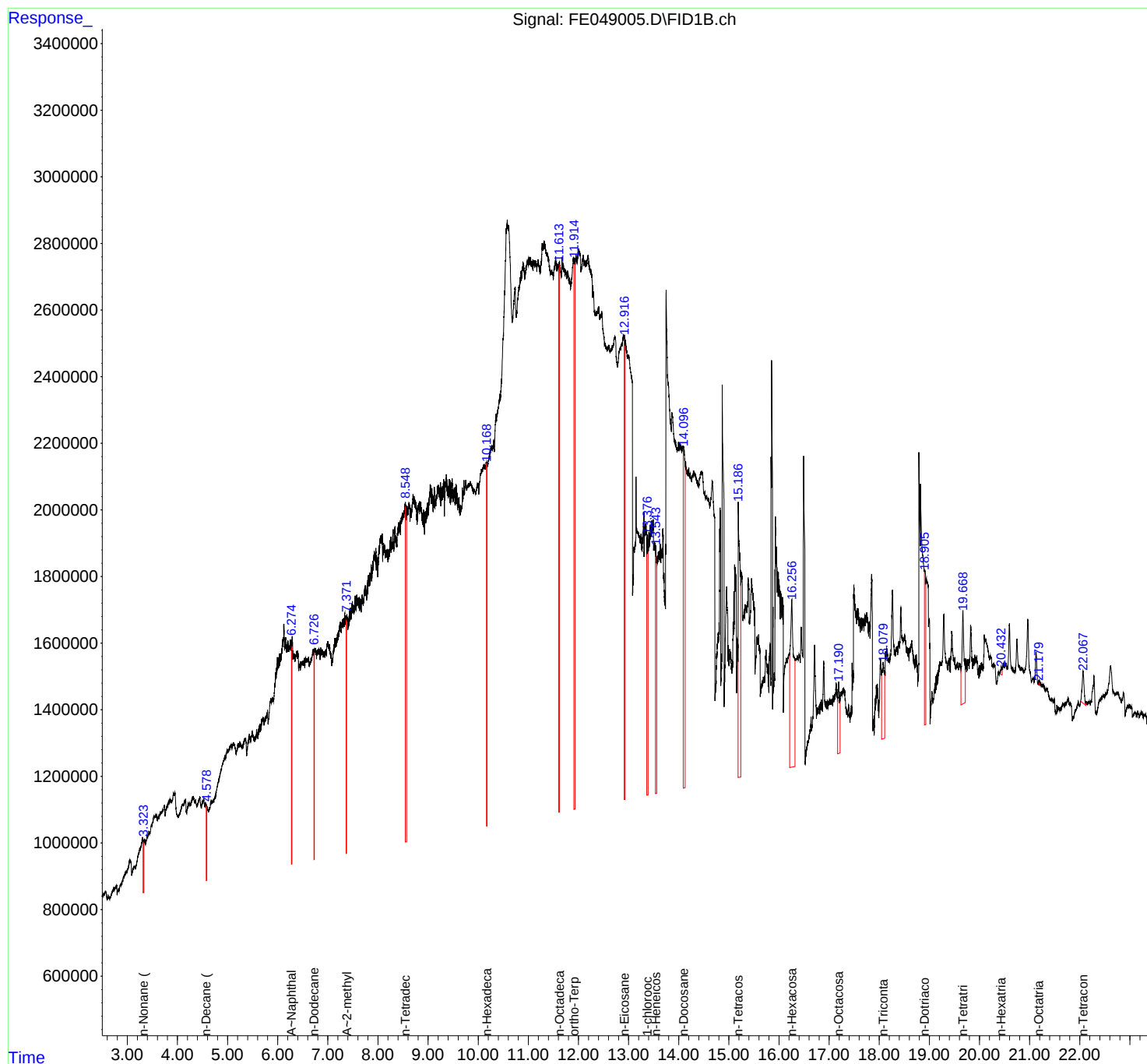
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.915	26130790	156.276 ug/ml
Spiked Amount 50.000		Recovery =	312.55%
12) S 1-chlorooctadecane (S...	13.377	12076359	93.914 ug/ml
Spiked Amount 50.000		Recovery =	187.83%
Target Compounds			
1) T n-Nonane (C9)	3.324	1519220	10.105 ug/ml
2) T n-Decane (C10)	4.578	1580453	10.270 ug/ml
3) T A~Naphthalene (C11.7)	6.275	4779595	30.107 ug/ml
4) T n-Dodecane (C12)	6.725	2514690	16.290 ug/ml
5) T A~2-methylnaphthalene...	7.371	4139254	27.333 ug/ml
6) T n-Tetradecane (C14)	8.549	16128792	105.235 ug/ml
7) T n-Hexadecane (C16)	10.169	3698580	23.655 ug/ml
8) T n-Octadecane (C18)	11.613	14434473	90.506 ug/ml
10) T n-Eicosane (C20)	12.917	12879173	83.072 ug/ml
11) T n-Heneicosane (C21)	13.543	10027655	65.857 ug/ml
13) T n-Docosane (C22)	14.096	23082274	152.627 ug/ml
14) T n-Tetracosane (C24)	15.189	21806077	145.103 ug/ml
15) T n-Hexacosane (C26)	16.255	25009057	169.401 ug/ml
16) T n-Octacosane (C28)	17.189	5471587	37.940 ug/ml
17) T n-Tricontane (C30)	18.079	7787124	53.227 ug/ml
18) T n-Dotriacontane (C32)	18.906	7272867	50.866 ug/ml
19) T n-Tetratriacontane (C34)	19.669	8518638	61.563 ug/ml
20) T n-Hexatriacontane (C36)	20.432	423877	3.261 ug/ml
21) T n-Octatriacontane (C38)	21.180	105528	0.823 ug/ml
22) T n-Tetracontane (C40)	22.066	2596034	21.199 ug/ml

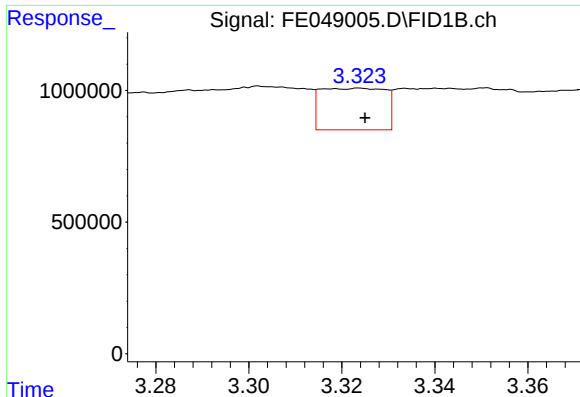
(f)=RT Delta > 1/2 Window

(m)=manual int.

Instrument :
FID_E
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

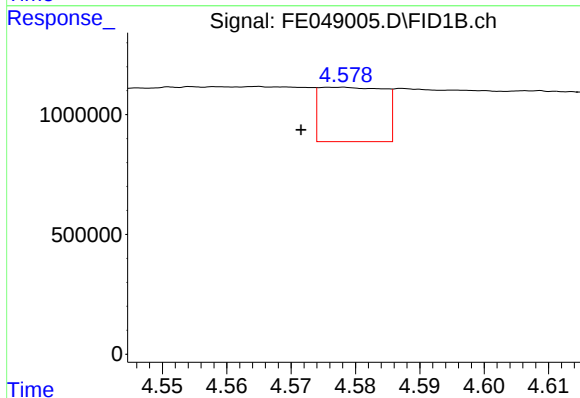




#1 n-Nonane (C9)

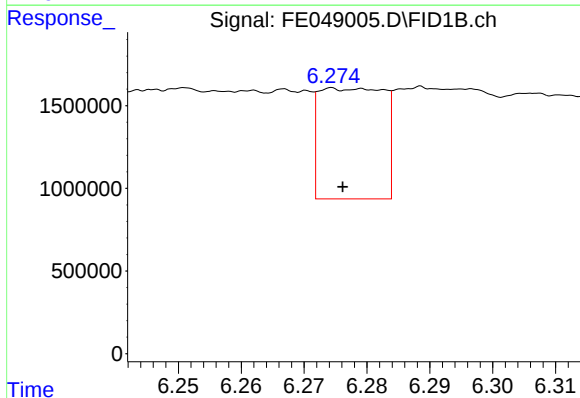
R.T.: 3.324 min
Delta R.T.: -0.001 min
Response: 1519220
Conc: 10.11 ug/ml

Instrument :
FID_E
ClientSampleId :



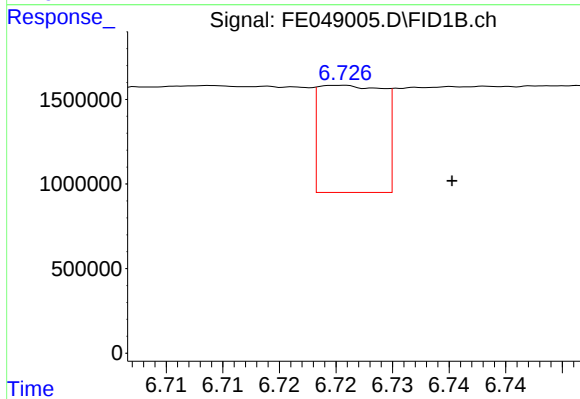
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.006 min
Response: 1580453
Conc: 10.27 ug/ml



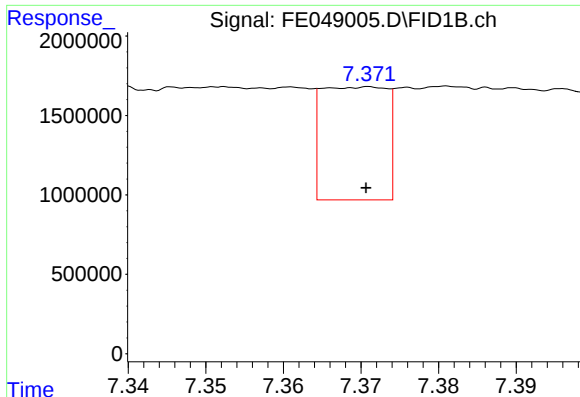
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 4779595
Conc: 30.11 ug/ml



#4 n-Dodecane (C12)

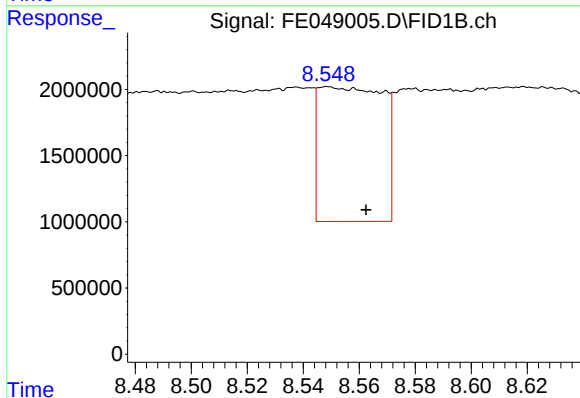
R.T.: 6.725 min
Delta R.T.: -0.010 min
Response: 2514690
Conc: 16.29 ug/ml



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

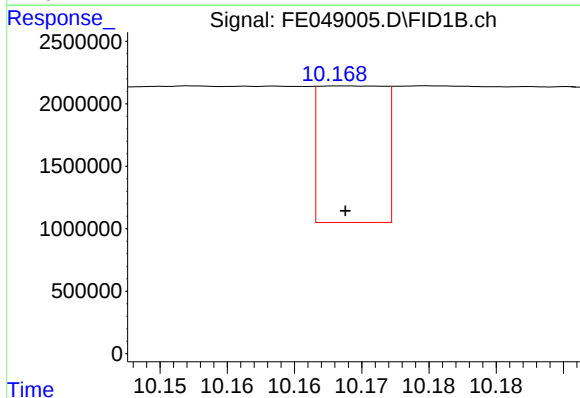
R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 4139254
Conc: 27.33 ug/ml

Instrument :
FID_E
ClientSampleId :



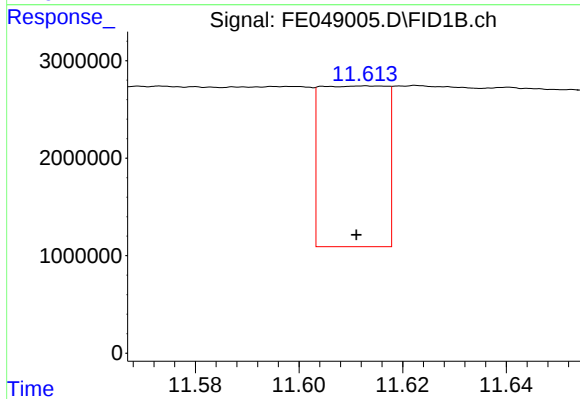
#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.014 min
Response: 16128792
Conc: 105.24 ug/ml



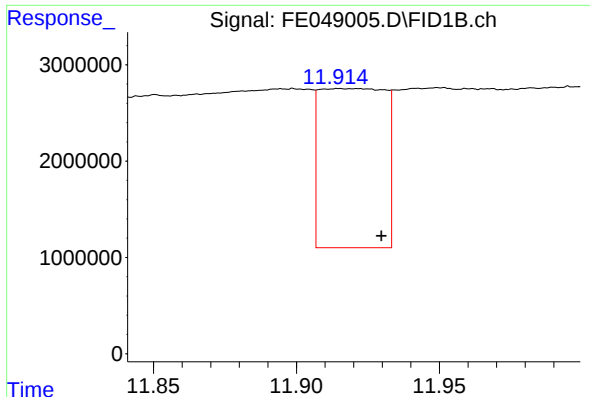
#7 n-Hexadecane (C16)

R.T.: 10.169 min
Delta R.T.: 0.000 min
Response: 3698580
Conc: 23.65 ug/ml



#8 n-Octadecane (C18)

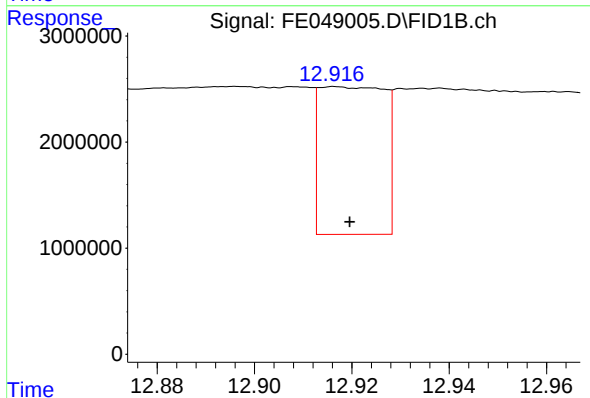
R.T.: 11.613 min
Delta R.T.: 0.002 min
Response: 14434473
Conc: 90.51 ug/ml



#9 ortho-Terphenyl (SURR)

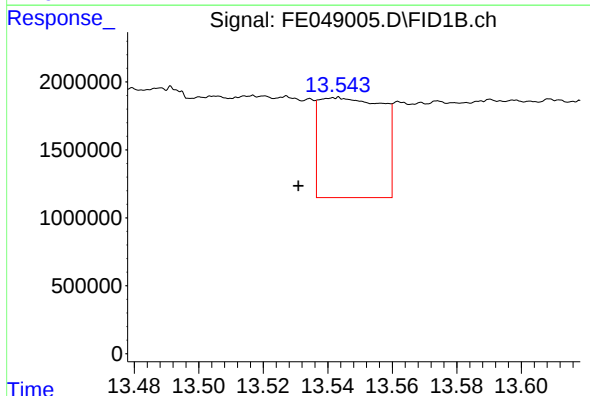
R.T.: 11.915 min
Delta R.T.: -0.014 min
Response: 26130790
Conc: 156.28 ug/ml

Instrument :
FID_E
ClientSampleId :



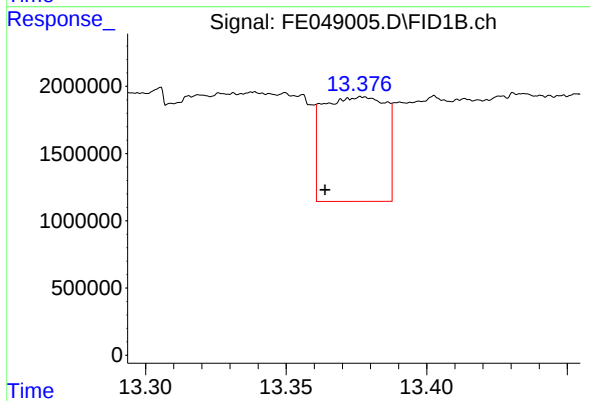
#10 n-Eicosane (C20)

R.T.: 12.917 min
Delta R.T.: -0.003 min
Response: 12879173
Conc: 83.07 ug/ml



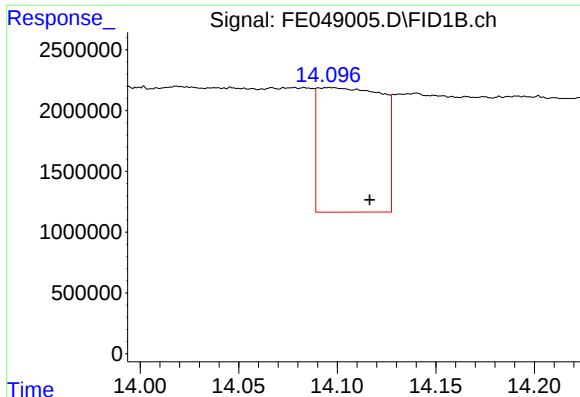
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.012 min
Response: 10027655
Conc: 65.86 ug/ml



#12 1-chlorooctadecane (SURR)

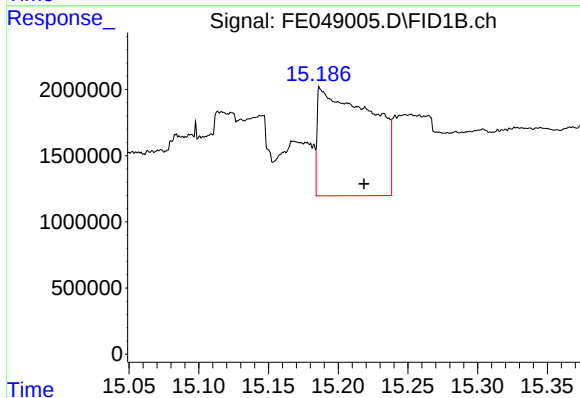
R.T.: 13.377 min
Delta R.T.: 0.013 min
Response: 12076359
Conc: 93.91 ug/ml



#13 n-Docosane (C22)

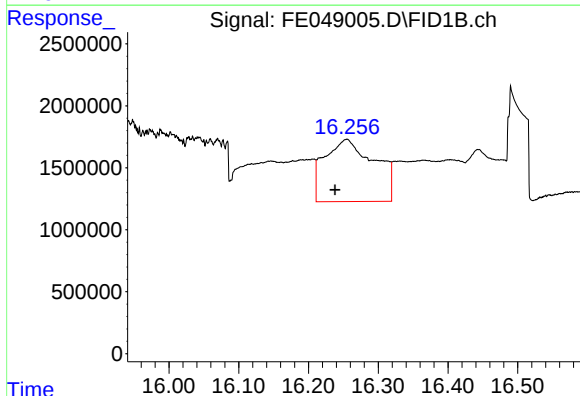
R.T.: 14.096 min
Delta R.T.: -0.020 min
Response: 23082274
Conc: 152.63 ug/ml

Instrument :
FID_E
ClientSampleId :



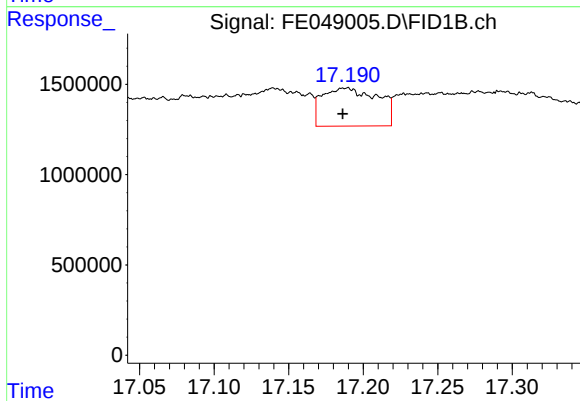
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.030 min
Response: 21806077
Conc: 145.10 ug/ml



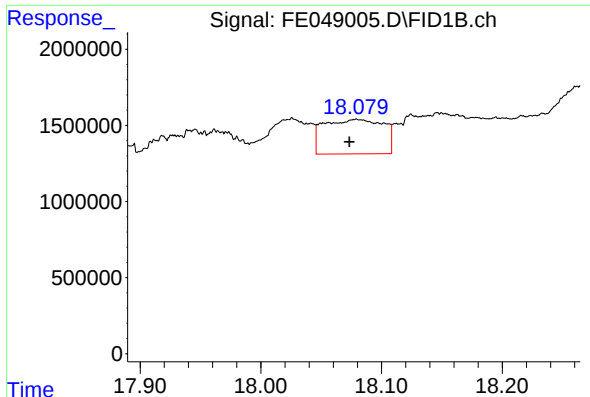
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.017 min
Response: 25009057
Conc: 169.40 ug/ml



#16 n-Octacosane (C28)

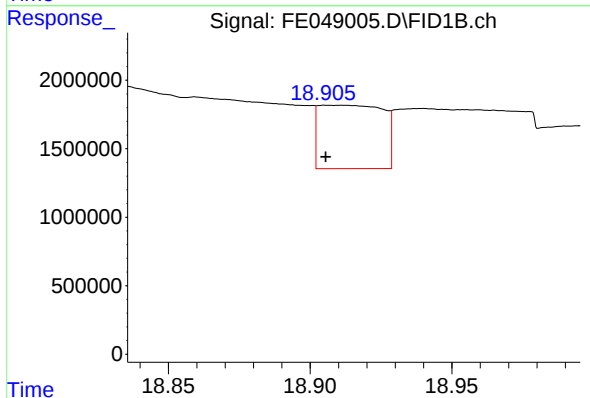
R.T.: 17.189 min
Delta R.T.: 0.003 min
Response: 5471587
Conc: 37.94 ug/ml



#17 n-Tricontane (C30)

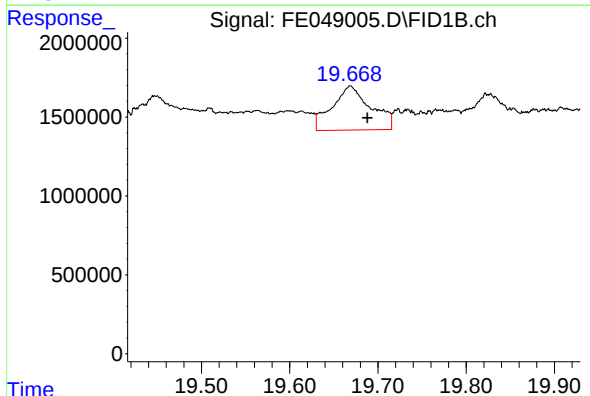
R.T.: 18.079 min
Delta R.T.: 0.006 min
Response: 7787124
Conc: 53.23 ug/ml

Instrument :
FID_E
ClientSampleId :



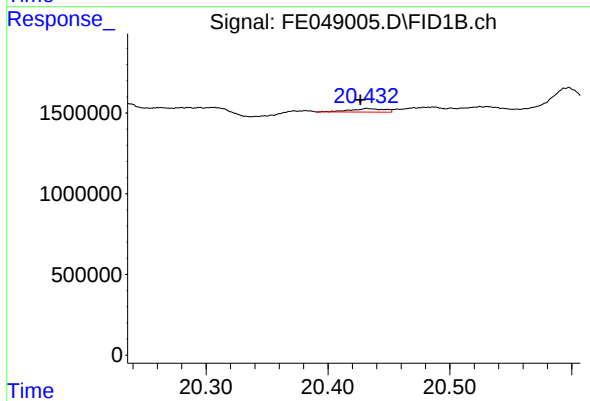
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: 0.000 min
Response: 7272867
Conc: 50.87 ug/ml



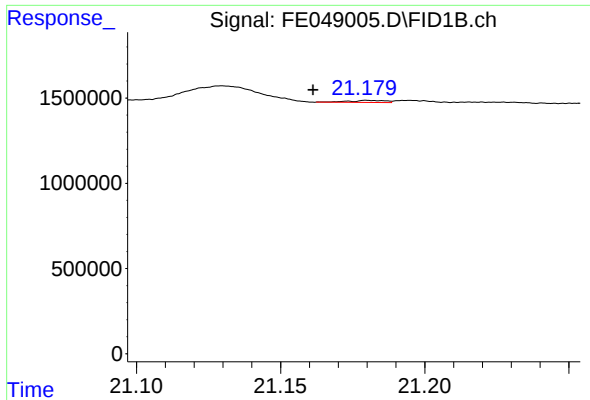
#19 n-Tetratriacontane (C34)

R.T.: 19.669 min
Delta R.T.: -0.019 min
Response: 8518638
Conc: 61.56 ug/ml



#20 n-Hexatriacontane (C36)

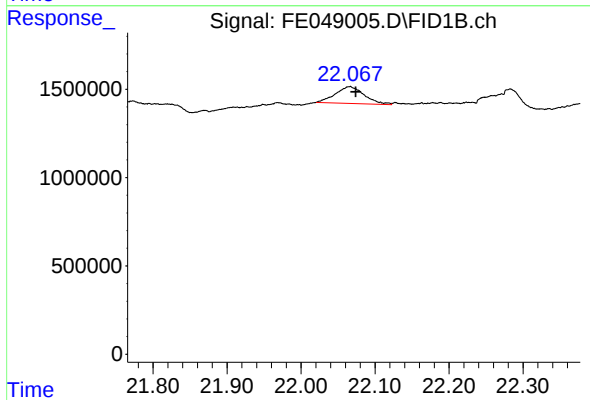
R.T.: 20.432 min
Delta R.T.: 0.006 min
Response: 423877
Conc: 3.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.180 min
Delta R.T.: 0.019 min
Response: 105528
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.008 min
Response: 2596034
Conc: 21.20 ug/ml