

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060925AL\
 Data File : FE054249.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2025 16:40
 Operator : YP\AJ
 Sample : Q2240-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-3

Integration File: autoint1.e
 Quant Time: Jun 10 03:08:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.848	6200318	38.153 ug/ml
Spiked Amount 50.000		Recovery =	76.31%
12) S 1-chlorooctadecane (S...	13.290	4639680	39.137 ug/ml
Spiked Amount 50.000		Recovery =	78.27%
Target Compounds			
1) T n-Nonane (C9)	3.193	186505	1.380 ug/ml
2) T n-Decane (C10)	4.474	145560	1.077 ug/ml
3) T A~Naphthalene (C11.7)	6.180	271567	1.890 ug/ml
4) T n-Dodecane (C12)	6.660	1272995	9.332 ug/ml
5) T A~2-methylnaphthalene...	7.288	1479661	10.667 ug/ml
6) T n-Tetradecane (C14)	8.449	6200533	45.947 ug/ml
7) T n-Hexadecane (C16)	10.086	6726707	49.852 ug/ml
8) T n-Octadecane (C18)	11.520	41719	0.310 ug/ml
10) T n-Eicosane (C20)	12.833	1301763	9.905 ug/ml
11) T n-Heneicosane (C21)	13.496	827672	6.384 ug/ml
13) T n-Docosane (C22)	14.035	87261	0.684 ug/ml
14) T n-Tetracosane (C24)	15.142	362139	2.894 ug/ml
15) T n-Hexacosane (C26)	16.170	73738	0.602 ug/ml
16) T n-Octacosane (C28)	17.123	51373	0.423 ug/ml
17) T n-Tricontane (C30)	18.010	171289	1.375 ug/ml
18) T n-Dotriacontane (C32)	18.846	80100	0.641 ug/ml
20) T n-Hexatriacontane (C36)	20.435f	554844	4.792 ug/ml
21) T n-Octatriacontane (C38)	21.115	406036	3.731 ug/ml
22) T n-Tetracontane (C40)	22.024	37439	0.377 ug/ml

(f)=RT Delta > 1/2 Window

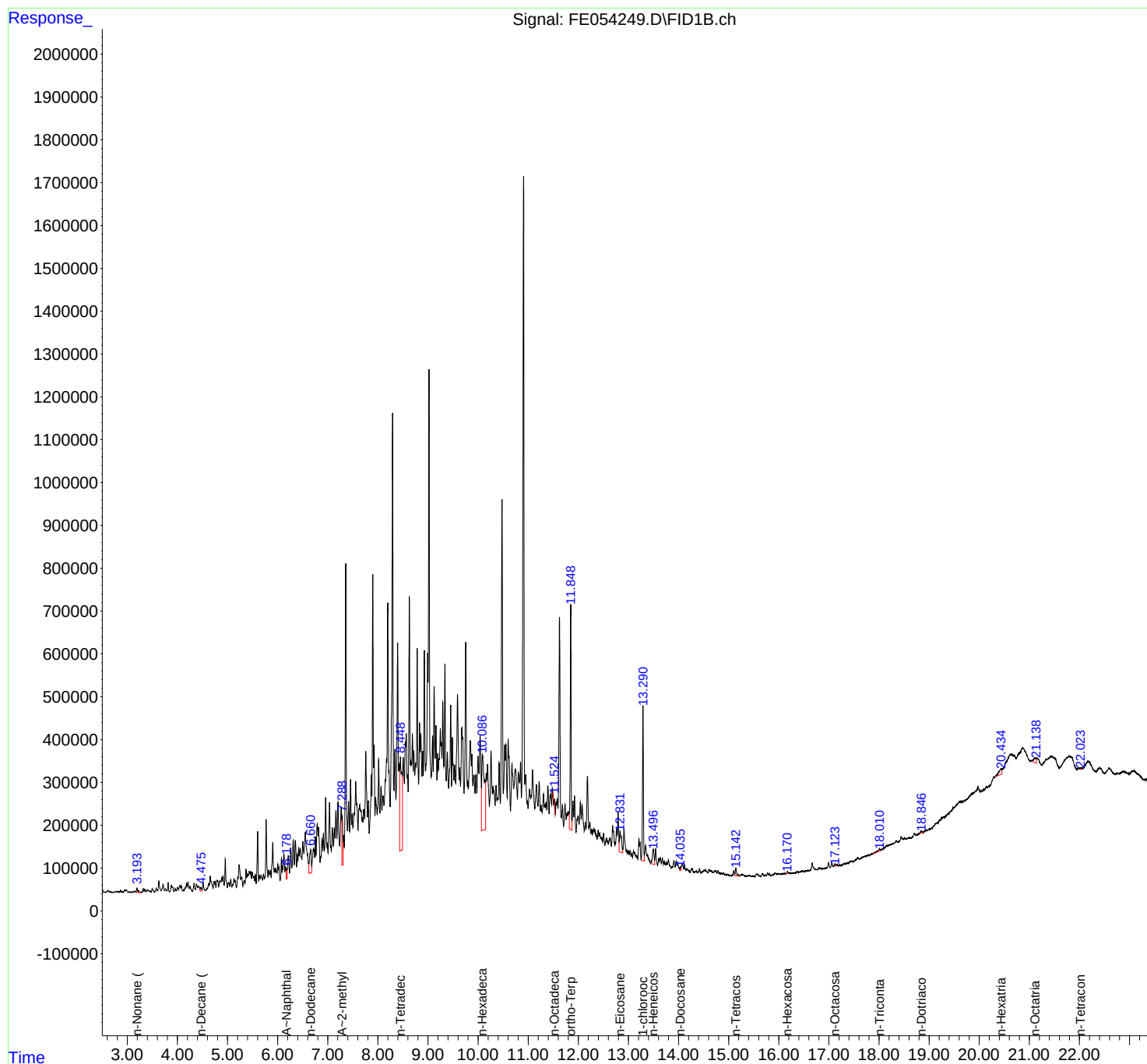
(m)=manual int.

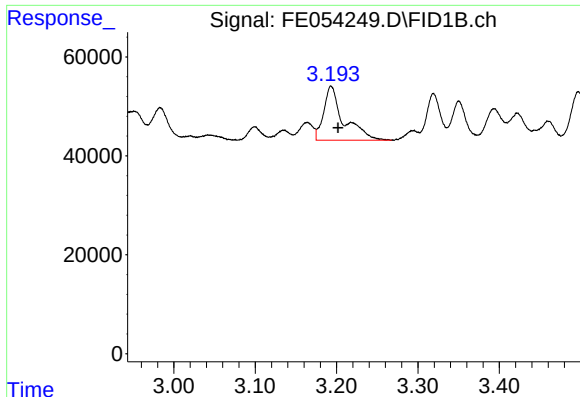
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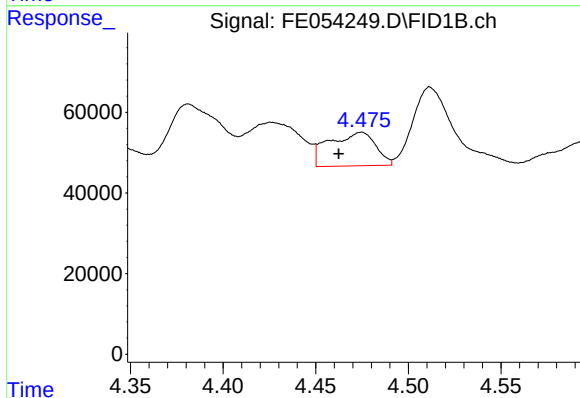




#1 n-Nonane (C9)

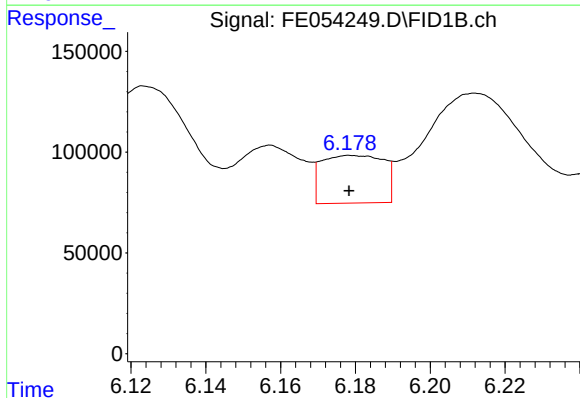
R.T.: 3.193 min
Delta R.T.: -0.009 min
Response: 186505
Conc: 1.38 ug/ml

Instrument :
FID_E
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TP-3



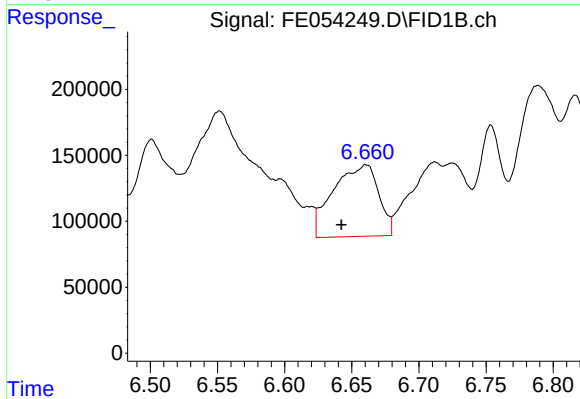
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.012 min
Response: 145560
Conc: 1.08 ug/ml



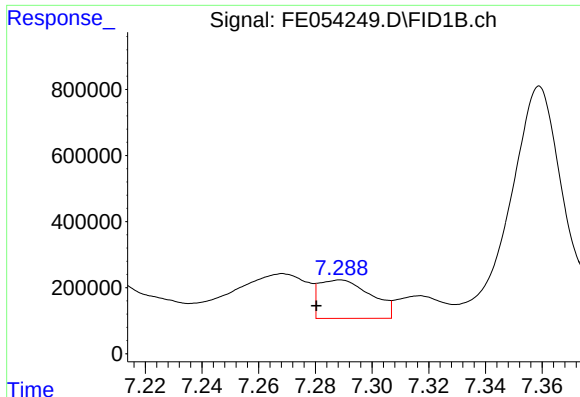
#3 A~Naphthalene (C11.7)

R.T.: 6.180 min
Delta R.T.: 0.001 min
Response: 271567
Conc: 1.89 ug/ml



#4 n-Dodecane (C12)

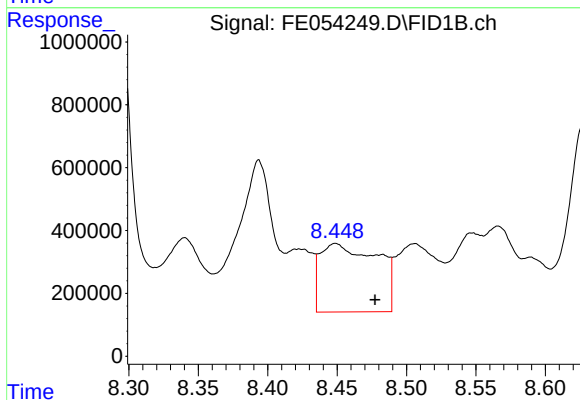
R.T.: 6.660 min
Delta R.T.: 0.018 min
Response: 1272995
Conc: 9.33 ug/ml



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

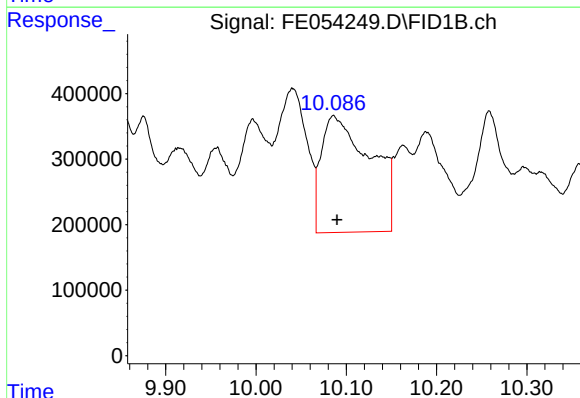
R.T.: 7.288 min
Delta R.T.: 0.008 min
Response: 1479661
Conc: 10.67 ug/ml

Instrument :
FID_E
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TP-3



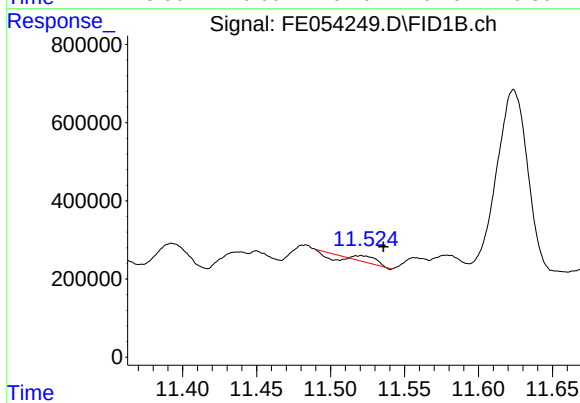
#6 n-Tetradecane (C14)

R.T.: 8.449 min
Delta R.T.: -0.028 min
Response: 6200533
Conc: 45.95 ug/ml



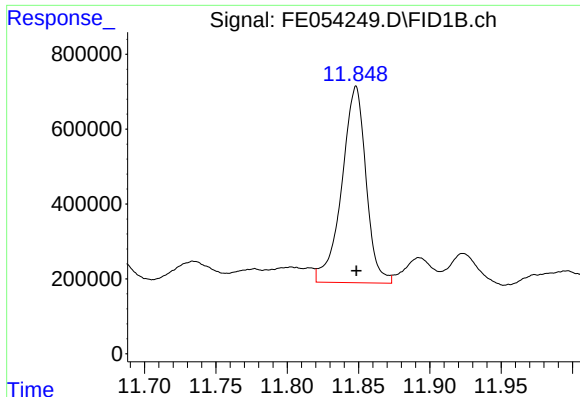
#7 n-Hexadecane (C16)

R.T.: 10.086 min
Delta R.T.: -0.004 min
Response: 6726707
Conc: 49.85 ug/ml



#8 n-Octadecane (C18)

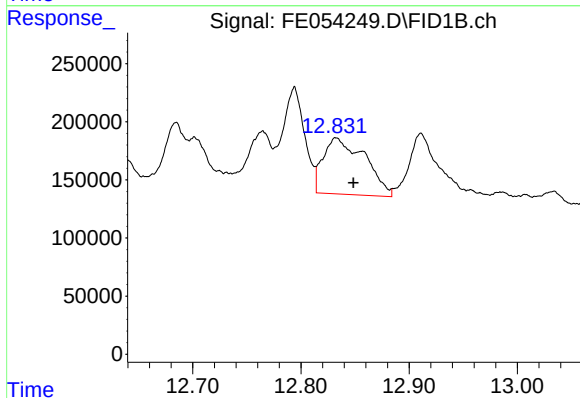
R.T.: 11.520 min
Delta R.T.: -0.015 min
Response: 41719
Conc: 0.31 ug/ml



#9 ortho-Terphenyl (SURR)

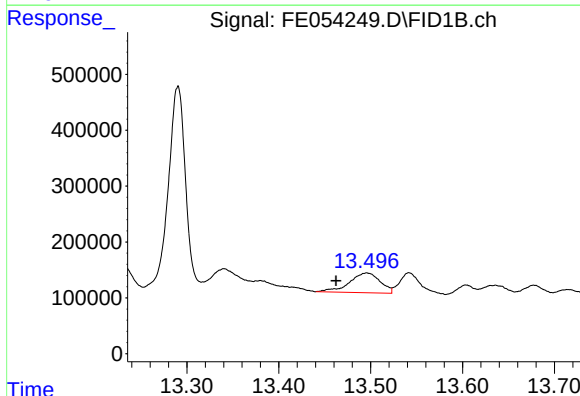
R.T.: 11.848 min
Delta R.T.: 0.000 min
Response: 6200318
Conc: 38.15 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3



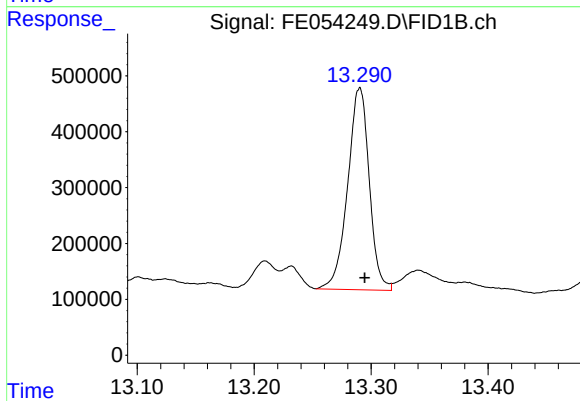
#10 n-Eicosane (C20)

R.T.: 12.833 min
Delta R.T.: -0.016 min
Response: 1301763
Conc: 9.90 ug/ml



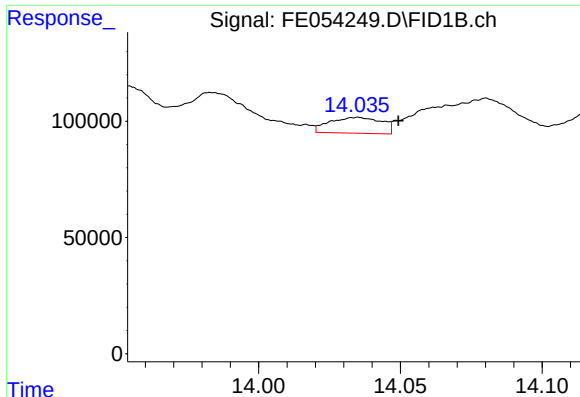
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: 0.034 min
Response: 827672
Conc: 6.38 ug/ml



#12 1-chlorooctadecane (SURR)

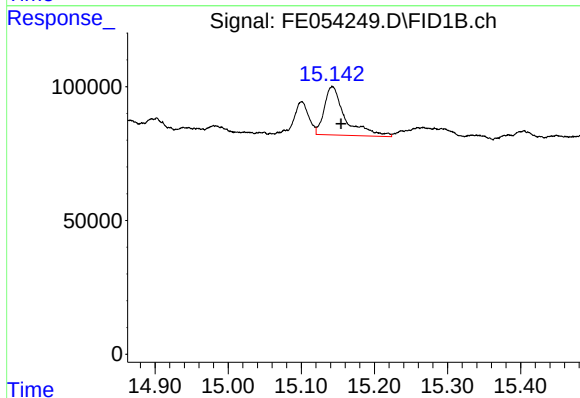
R.T.: 13.290 min
Delta R.T.: -0.004 min
Response: 4639680
Conc: 39.14 ug/ml



#13 n-Docosane (C22)

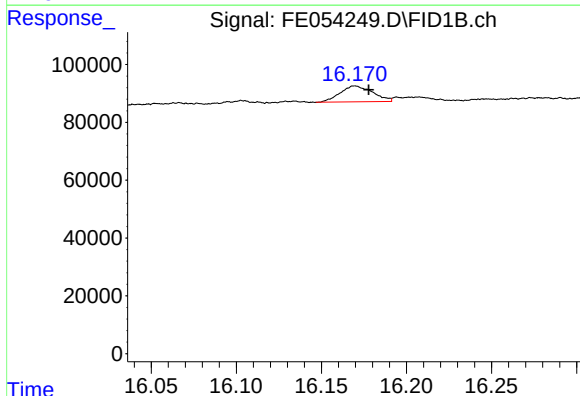
R.T.: 14.035 min
Delta R.T.: -0.014 min
Response: 87261
Conc: 0.68 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3



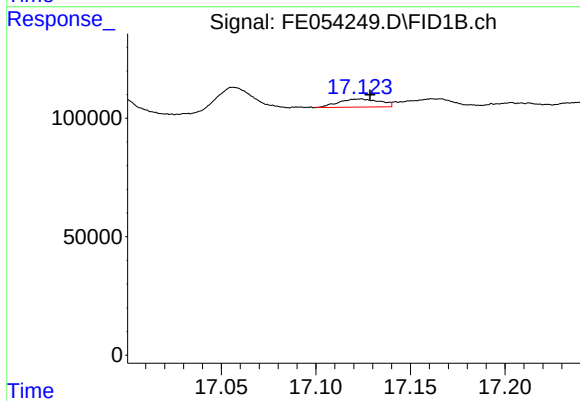
#14 n-Tetracosane (C24)

R.T.: 15.142 min
Delta R.T.: -0.012 min
Response: 362139
Conc: 2.89 ug/ml



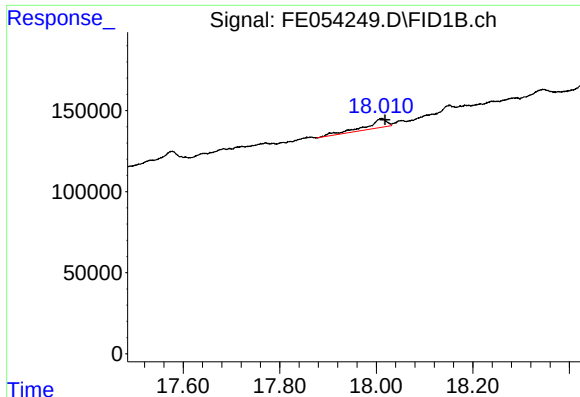
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: -0.008 min
Response: 73738
Conc: 0.60 ug/ml



#16 n-Octacosane (C28)

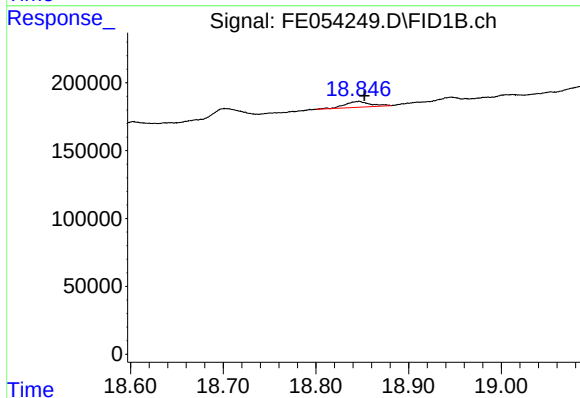
R.T.: 17.123 min
Delta R.T.: -0.006 min
Response: 51373
Conc: 0.42 ug/ml



#17 n-Tricontane (C30)

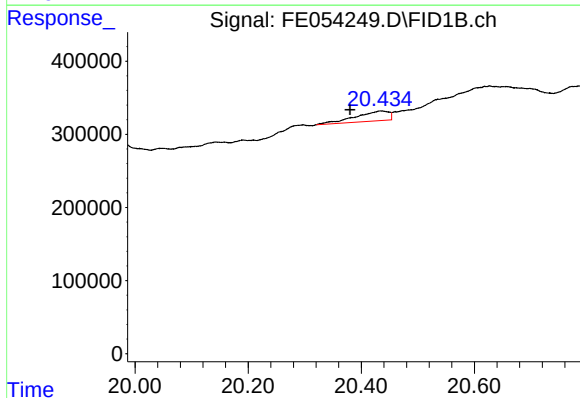
R.T.: 18.010 min
Delta R.T.: -0.008 min
Response: 171289
Conc: 1.38 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3



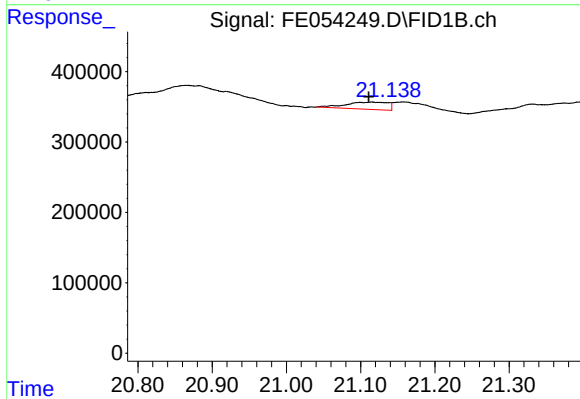
#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 80100
Conc: 0.64 ug/ml



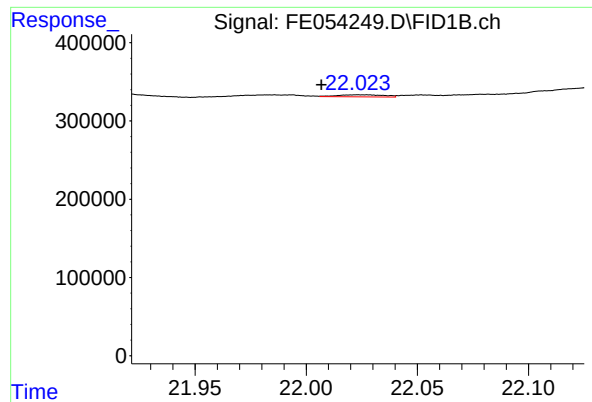
#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.055 min
Response: 554844
Conc: 4.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.005 min
Response: 406036
Conc: 3.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: 0.018 min
Response: 37439
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-3