

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041425AL\
 Data File : FE053349.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2025 18:33
 Operator : YP\AJ
 Sample : Q1785-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 15 02:38:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.908	14847272	91.153 ug/ml
Spiked Amount 50.000		Recovery =	182.31%
12) S 1-chlorooctadecane (S...	13.350	7416705	61.783 ug/ml
Spiked Amount 50.000		Recovery =	123.57%
Target Compounds			
1) T n-Nonane (C9)	3.229	1091006	7.046 ug/ml
2) T n-Decane (C10)	4.495	6689539	42.647 ug/ml
3) T A~Naphthalene (C11.7)	6.242	8205171	48.843 ug/ml
4) T n-Dodecane (C12)	6.691	28335816	181.177 ug/ml
5) T A~2-methylnaphthalene...	7.324	17945067	112.466 ug/ml
6) T n-Tetradecane (C14)	8.539	48416538	316.209 ug/ml
7) T n-Hexadecane (C16)	10.156	46221331	299.852 ug/ml
8) T n-Octadecane (C18)	11.604	30175287	198.959 ug/ml
10) T n-Eicosane (C20)	12.912	22443619	157.415 ug/ml
11) T n-Heneicosane (C21)	13.522	14810714	106.728 ug/ml
13) T n-Docosane (C22)	14.106	10283671	75.088 ug/ml
14) T n-Tetracosane (C24)	15.206	3547943	26.270 ug/ml
15) T n-Hexacosane (C26)	16.229	1561199	11.703 ug/ml
16) T n-Octacosane (C28)	17.183	1621779	12.289 ug/ml
17) T n-Tricontane (C30)	18.076	1244405	9.181 ug/ml
18) T n-Dotriacontane (C32)	18.916	1602636	11.910 ug/ml
19) T n-Tetratriacontane (C34)	19.707	2122607	16.404 ug/ml
20) T n-Hexatriacontane (C36)	20.455	285836	2.406 ug/ml
21) T n-Octatriacontane (C38)	21.198	740377	6.442 ug/ml
22) T n-Tetracontane (C40)	22.129f	2083365	18.550 ug/ml

(f)=RT Delta > 1/2 Window

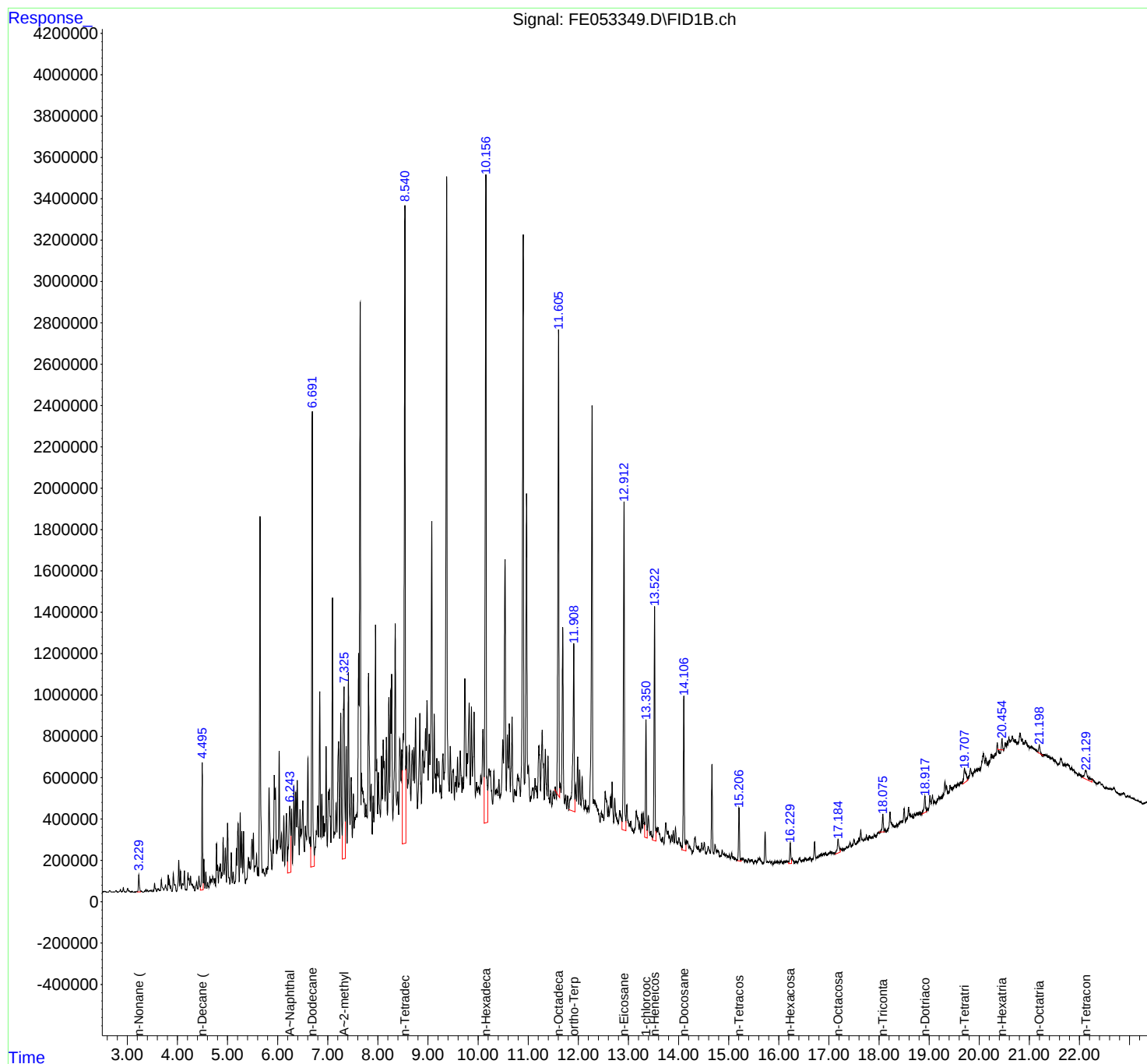
(m)=manual int.

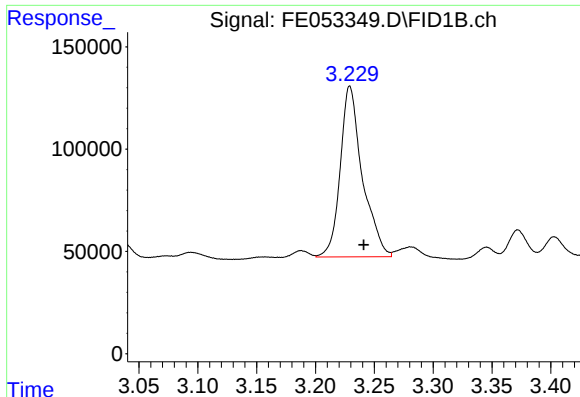
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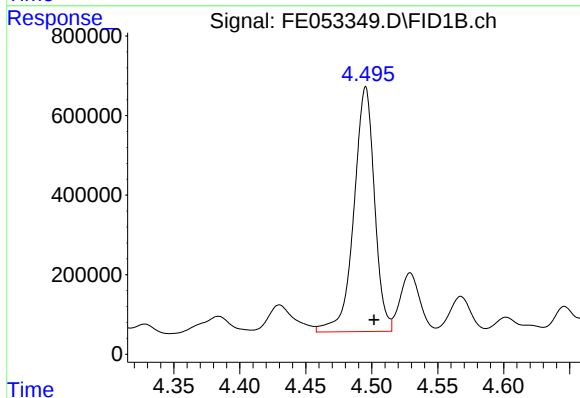




#1 n-Nonane (C9)

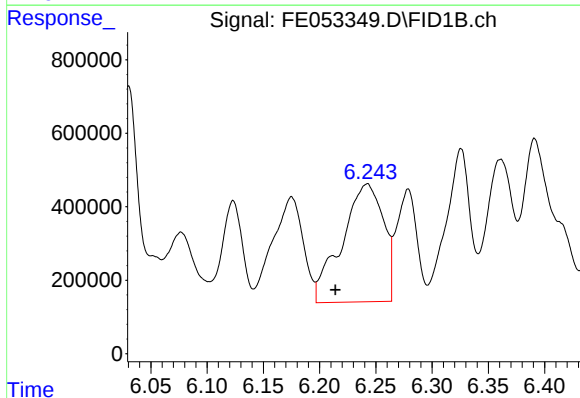
R.T.: 3.229 min
Delta R.T.: -0.012 min
Response: 1091006
Conc: 7.05 ug/ml

Instrument :
FID_E
ClientSampleId :



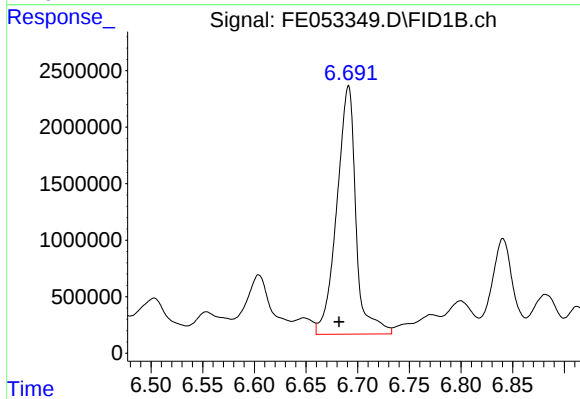
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 6689539
Conc: 42.65 ug/ml



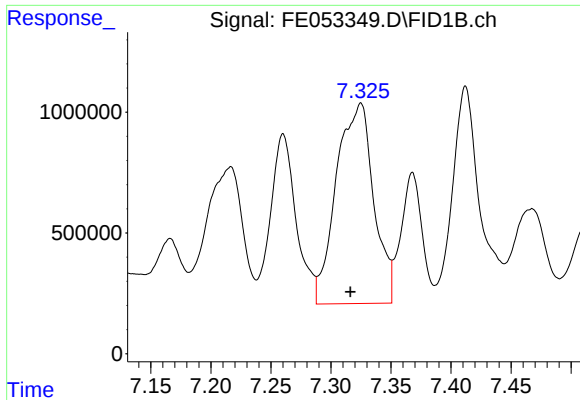
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: 0.028 min
Response: 8205171
Conc: 48.84 ug/ml



#4 n-Dodecane (C12)

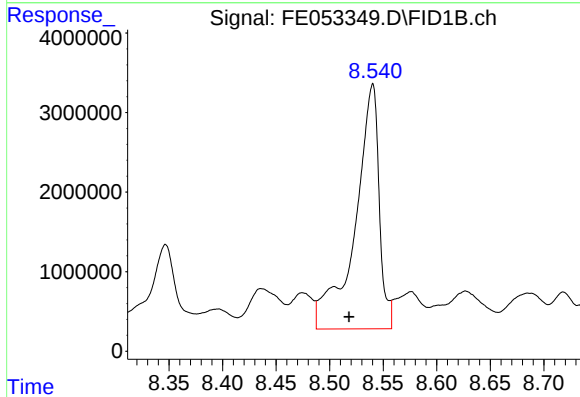
R.T.: 6.691 min
Delta R.T.: 0.008 min
Response: 28335816
Conc: 181.18 ug/ml



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

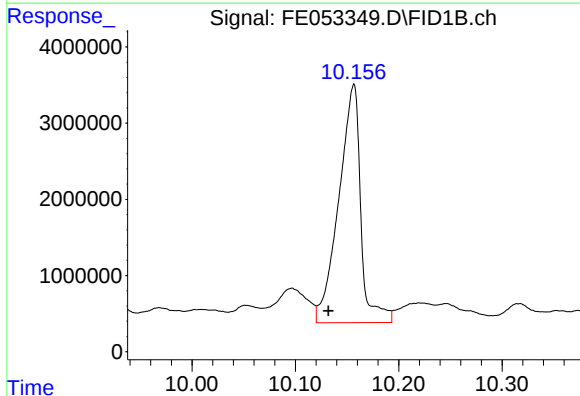
R.T.: 7.324 min
Delta R.T.: 0.008 min
Response: 17945067
Conc: 112.47 ug/ml

Instrument :
FID_E
ClientSampleId :



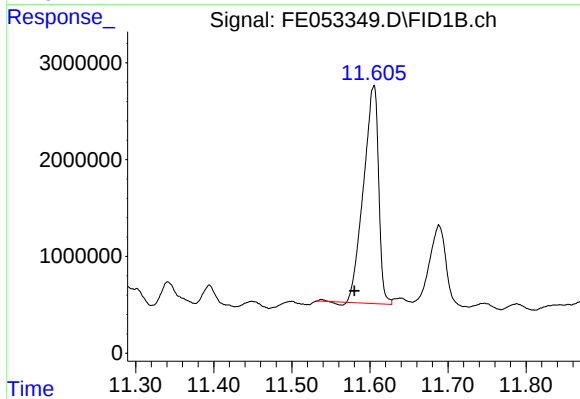
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: 0.021 min
Response: 48416538
Conc: 316.21 ug/ml



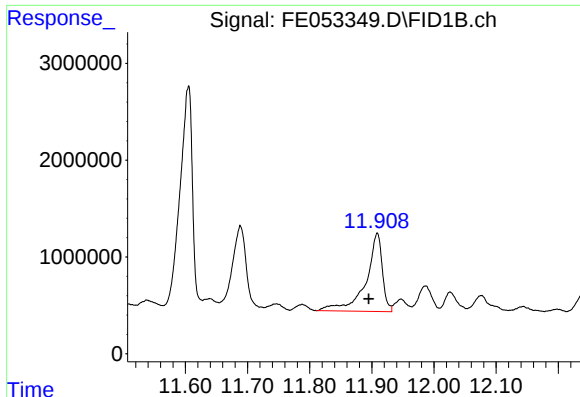
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.024 min
Response: 46221331
Conc: 299.85 ug/ml



#8 n-Octadecane (C18)

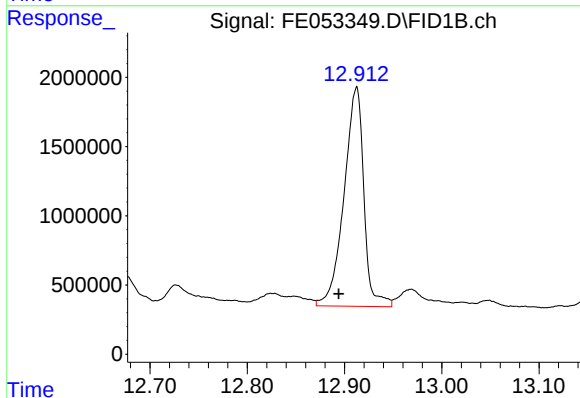
R.T.: 11.604 min
Delta R.T.: 0.024 min
Response: 30175287
Conc: 198.96 ug/ml



#9 ortho-Terphenyl (SURR)

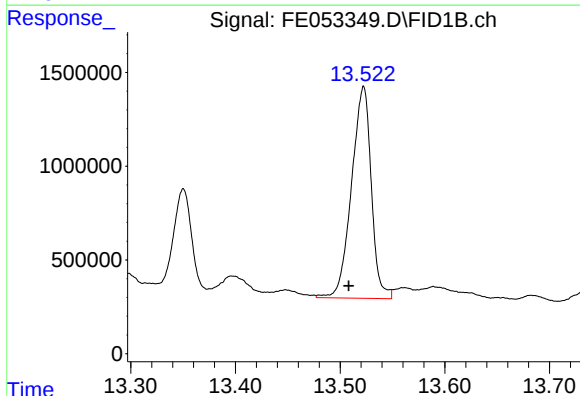
R.T.: 11.908 min
Delta R.T.: 0.013 min
Response: 14847272
Conc: 91.15 ug/ml

Instrument :
FID_E
ClientSampleId :



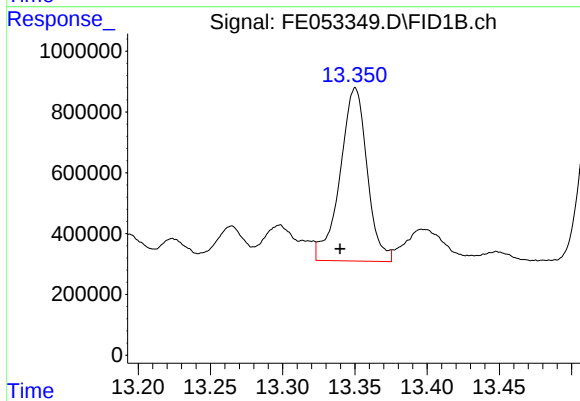
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: 0.018 min
Response: 22443619
Conc: 157.42 ug/ml



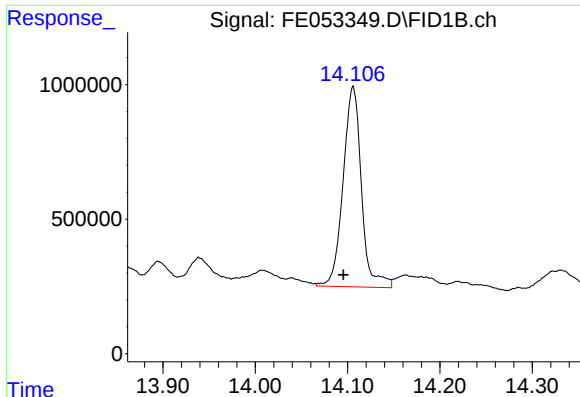
#11 n-Heneicosane (C21)

R.T.: 13.522 min
Delta R.T.: 0.014 min
Response: 14810714
Conc: 106.73 ug/ml



#12 1-chlorooctadecane (SURR)

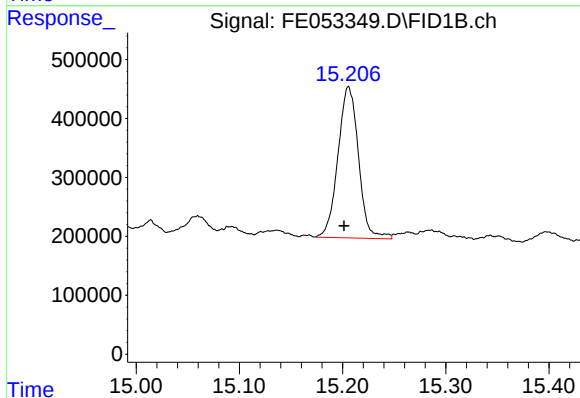
R.T.: 13.350 min
Delta R.T.: 0.010 min
Response: 7416705
Conc: 61.78 ug/ml



#13 n-Docosane (C22)

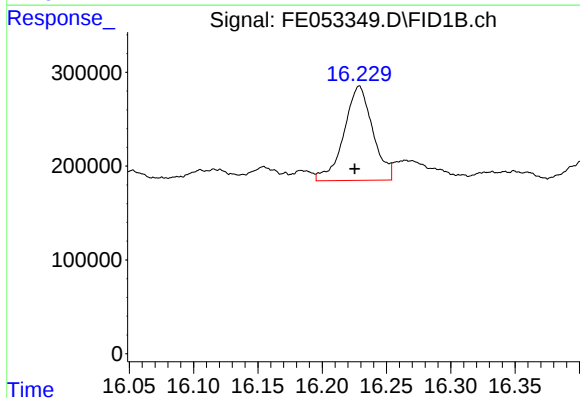
R.T.: 14.106 min
Delta R.T.: 0.010 min
Response: 10283671
Conc: 75.09 ug/ml

Instrument :
FID_E
ClientSampleId :



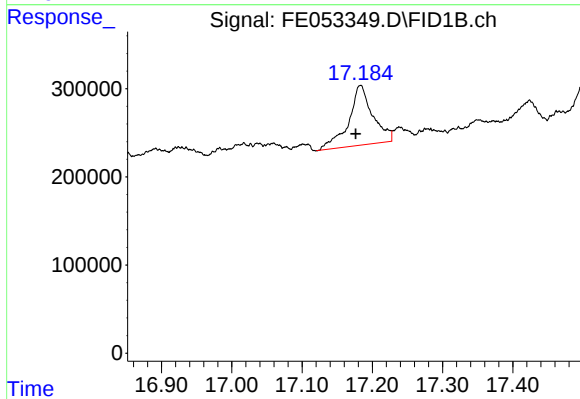
#14 n-Tetracosane (C24)

R.T.: 15.206 min
Delta R.T.: 0.005 min
Response: 3547943
Conc: 26.27 ug/ml



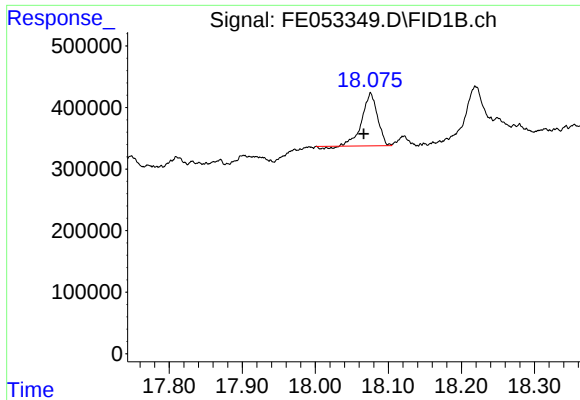
#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: 0.003 min
Response: 1561199
Conc: 11.70 ug/ml



#16 n-Octacosane (C28)

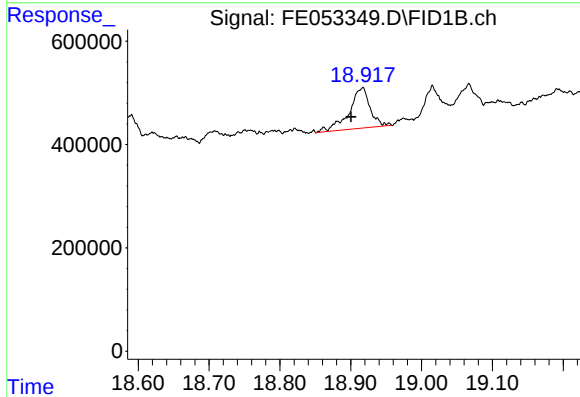
R.T.: 17.183 min
Delta R.T.: 0.007 min
Response: 1621779
Conc: 12.29 ug/ml



#17 n-Tricontane (C30)

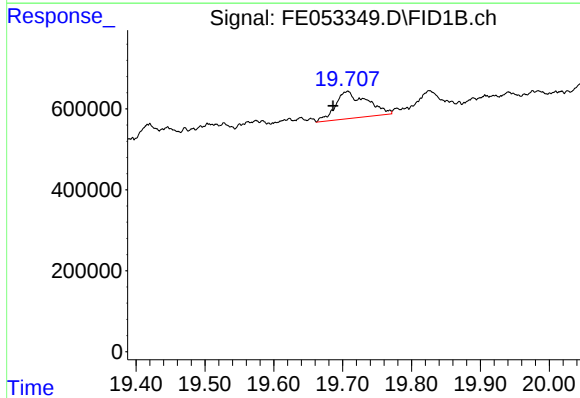
R.T.: 18.076 min
Delta R.T.: 0.009 min
Response: 1244405
Conc: 9.18 ug/ml

Instrument :
FID_E
ClientSampleId :



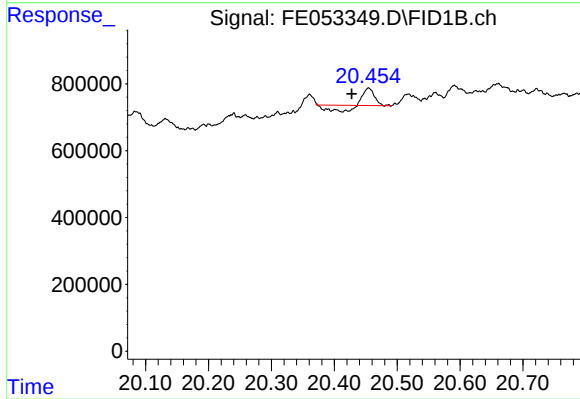
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.015 min
Response: 1602636
Conc: 11.91 ug/ml



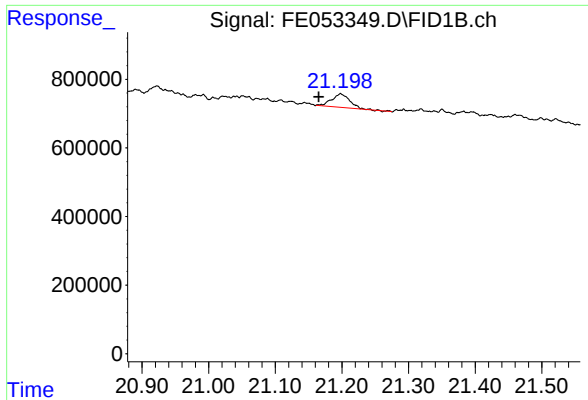
#19 n-Tetratriacontane (C34)

R.T.: 19.707 min
Delta R.T.: 0.021 min
Response: 2122607
Conc: 16.40 ug/ml



#20 n-Hexatriacontane (C36)

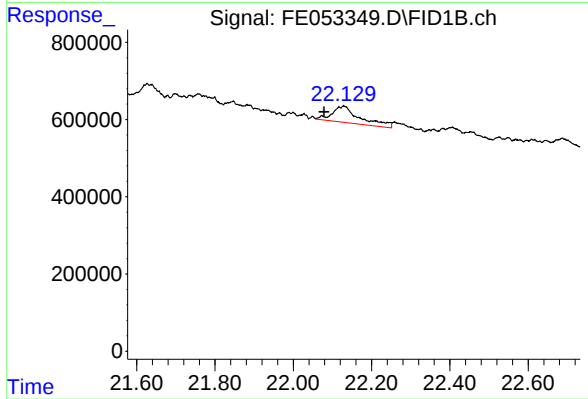
R.T.: 20.455 min
Delta R.T.: 0.027 min
Response: 285836
Conc: 2.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.198 min
Delta R.T.: 0.033 min
Response: 740377
Conc: 6.44 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: 0.051 min
Response: 2083365
Conc: 18.55 ug/ml