

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032625AL\
 Data File : FE053003.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2025 03:35
 Operator : YP\AJ
 Sample : Q1637-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-02-032525

Integration File: autoint1.e
 Quant Time: Mar 27 04:24:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.900	4364956	25.891 ug/ml
Spiked Amount 50.000		Recovery =	51.78%
12) S 1-chlorooctadecane (S...	13.345	4036583	33.243 ug/ml
Spiked Amount 50.000		Recovery =	66.49%
Target Compounds			
1) T n-Nonane (C9)	3.241	182305	1.176 ug/ml
2) T n-Decane (C10)	4.504	1199171	7.633 ug/ml
3) T A~Naphthalene (C11.7)	6.242	1486958	8.768 ug/ml
4) T n-Dodecane (C12)	6.687	4455954	28.619 ug/ml
5) T A~2-methylnaphthalene...	7.323	2597338	16.027 ug/ml
6) T n-Tetradecane (C14)	8.523	4983990	32.939 ug/ml
7) T n-Hexadecane (C16)	10.135	2578916	16.868 ug/ml
8) T n-Octadecane (C18)	11.583	602527	3.960 ug/ml
10) T n-Eicosane (C20)	12.898	353665	2.436 ug/ml
11) T n-Heneicosane (C21)	13.513	263052	1.848 ug/ml
13) T n-Docosane (C22)	14.100	211686	1.488 ug/ml
14) T n-Tetracosane (C24)	15.184	1009033	7.051 ug/ml
15) T n-Hexacosane (C26)	16.232	334678	2.354 ug/ml
16) T n-Octacosane (C28)	17.195	397079	2.792 ug/ml
17) T n-Tricontane (C30)	18.073	637965	4.319 ug/ml
18) T n-Dotriacontane (C32)	18.906	156876	1.081 ug/ml
19) T n-Tetratriacontane (C34)	19.724	229733	1.705 ug/ml
20) T n-Hexatriacontane (C36)	20.438	93786	0.789 ug/ml
22) T n-Tetracontane (C40)	22.106	593808	5.492 ug/ml

(f)=RT Delta > 1/2 Window

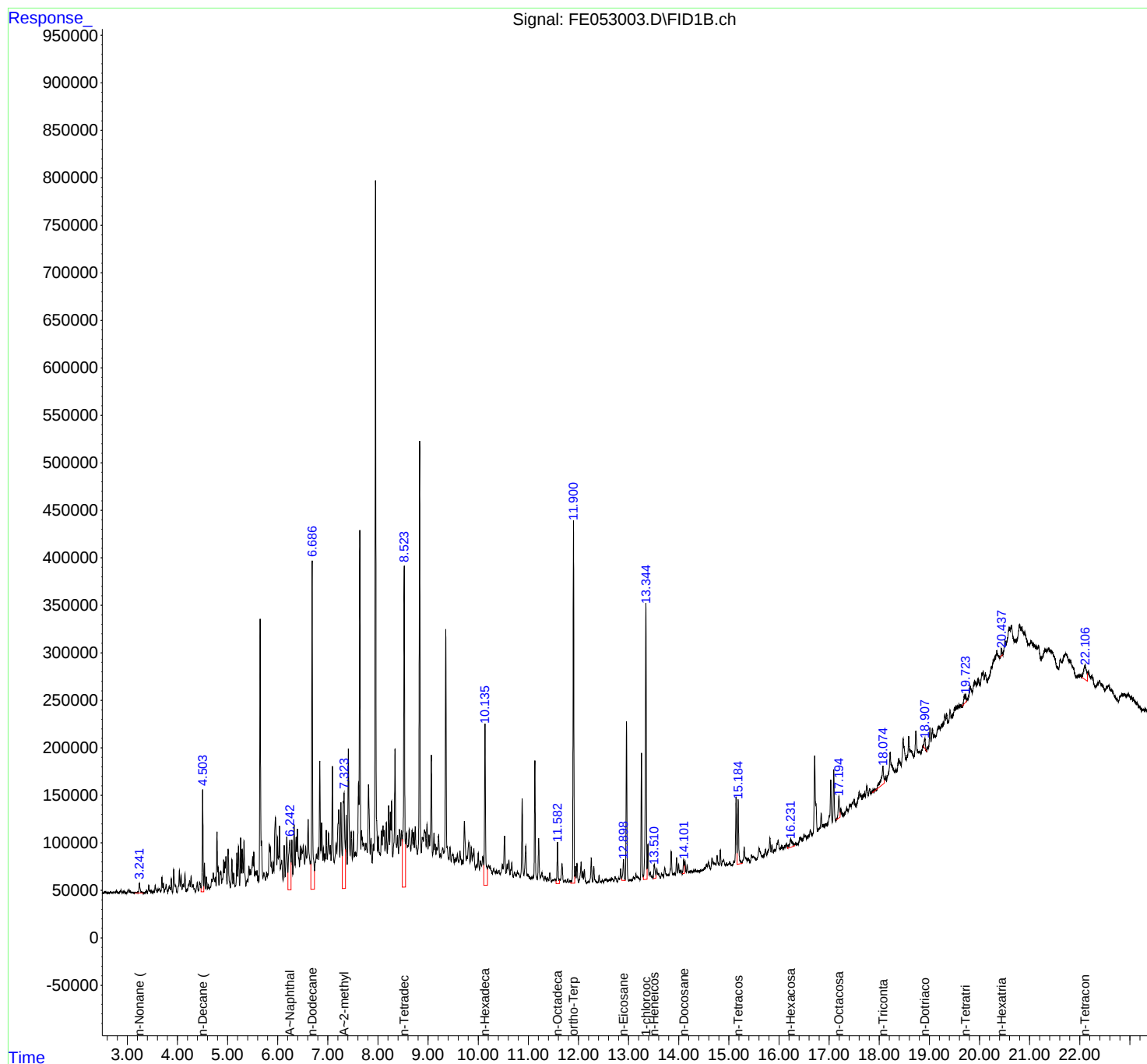
(m)=manual int.

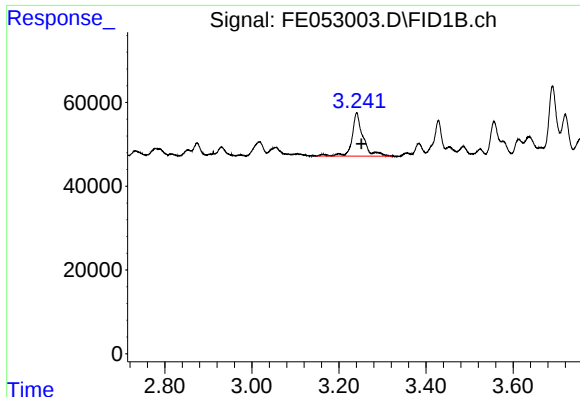
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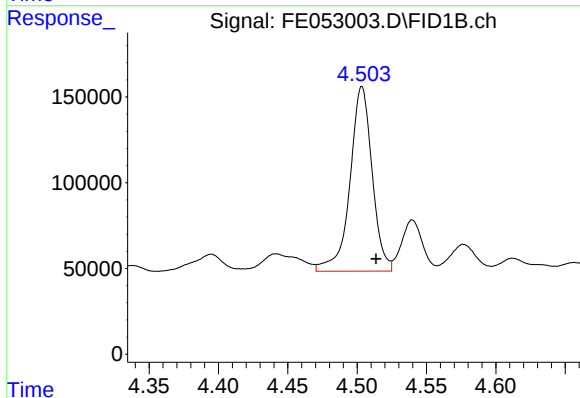




#1 n-Nonane (C9)

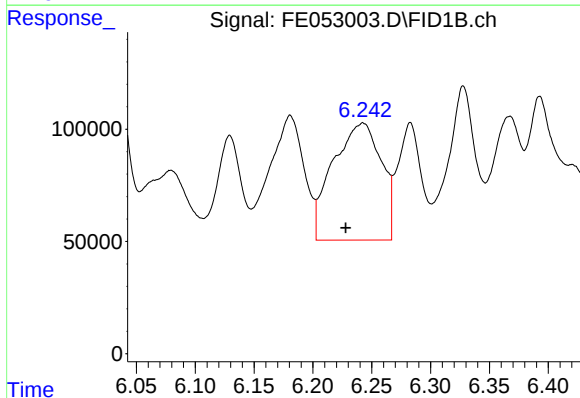
R.T.: 3.241 min
Delta R.T.: -0.011 min
Response: 182305
Conc: 1.18 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-02-032525



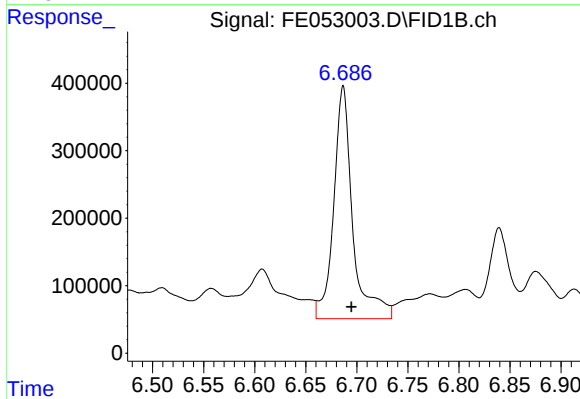
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.010 min
Response: 1199171
Conc: 7.63 ug/ml



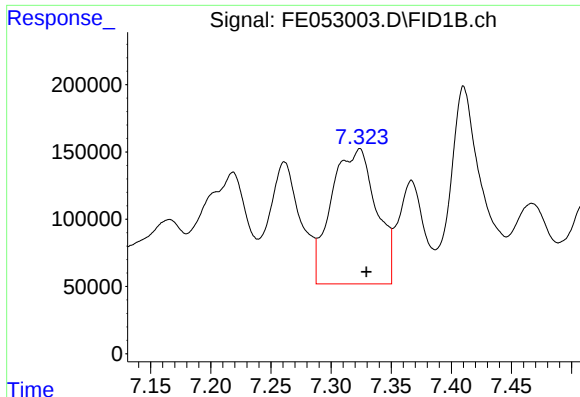
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: 0.014 min
Response: 1486958
Conc: 8.77 ug/ml



#4 n-Dodecane (C12)

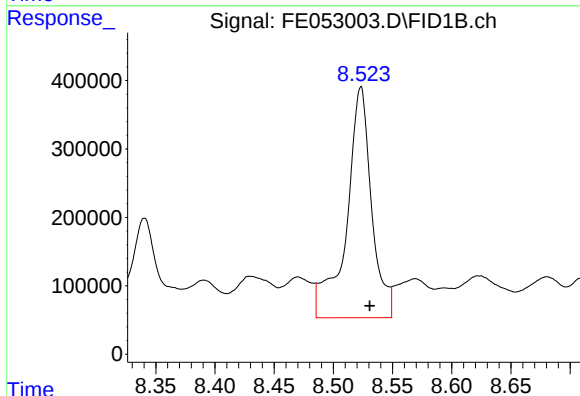
R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 4455954
Conc: 28.62 ug/ml



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

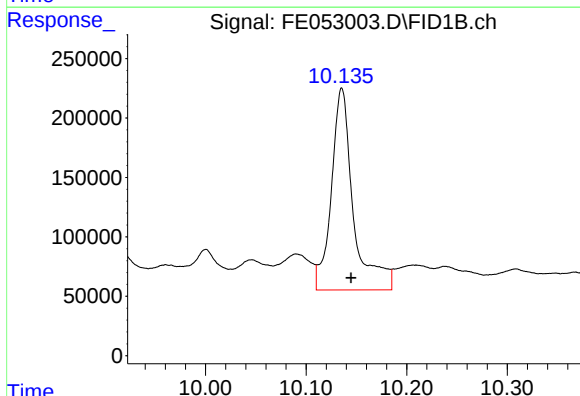
R.T.: 7.323 min
Delta R.T.: -0.006 min
Response: 2597338
Conc: 16.03 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-02-032525



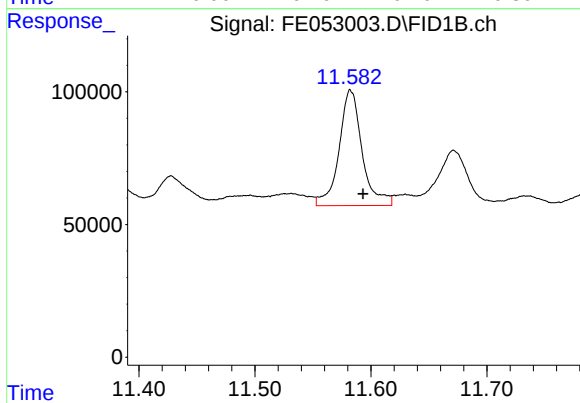
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.008 min
Response: 4983990
Conc: 32.94 ug/ml



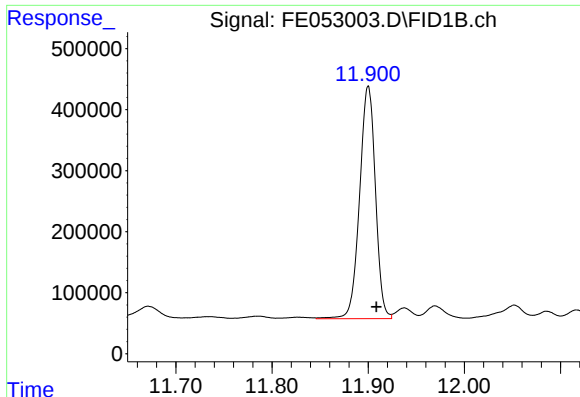
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.009 min
Response: 2578916
Conc: 16.87 ug/ml



#8 n-Octadecane (C18)

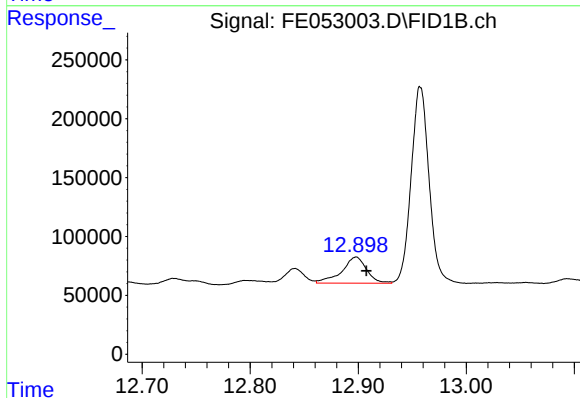
R.T.: 11.583 min
Delta R.T.: -0.011 min
Response: 602527
Conc: 3.96 ug/ml



#9 ortho-Terphenyl (SURR)

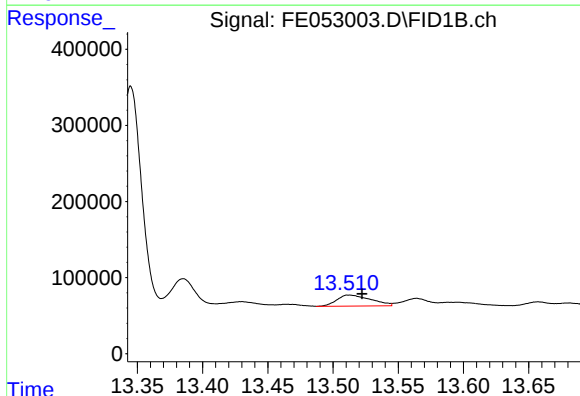
R.T.: 11.900 min
Delta R.T.: -0.009 min
Response: 4364956
Conc: 25.89 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-02-032525



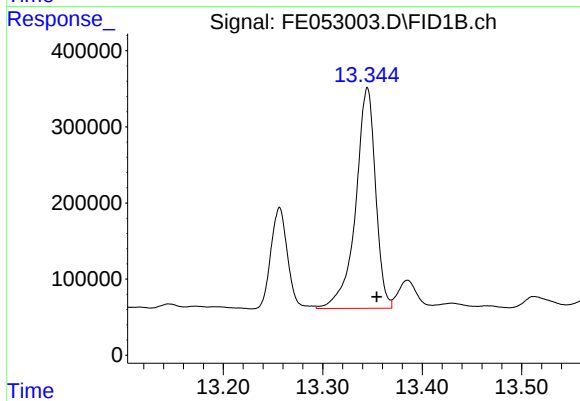
#10 n-Eicosane (C20)

R.T.: 12.898 min
Delta R.T.: -0.010 min
Response: 353665
Conc: 2.44 ug/ml



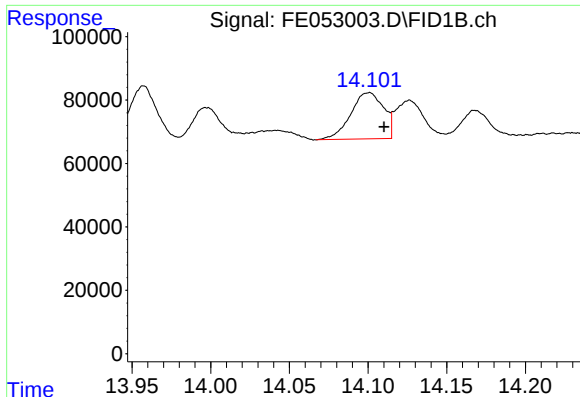
#11 n-Heneicosane (C21)

R.T.: 13.513 min
Delta R.T.: -0.009 min
Response: 263052
Conc: 1.85 ug/ml



#12 1-chlorooctadecane (SURR)

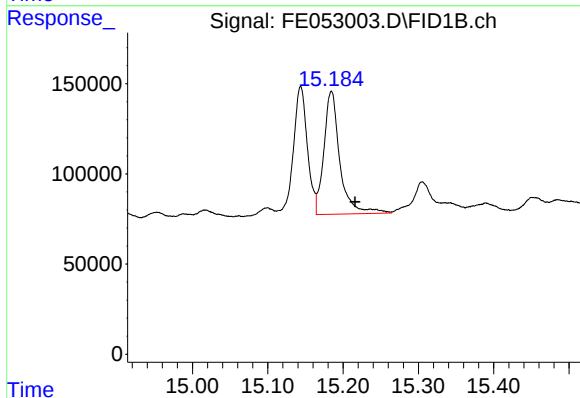
R.T.: 13.345 min
Delta R.T.: -0.009 min
Response: 4036583
Conc: 33.24 ug/ml



#13 n-Docosane (C22)

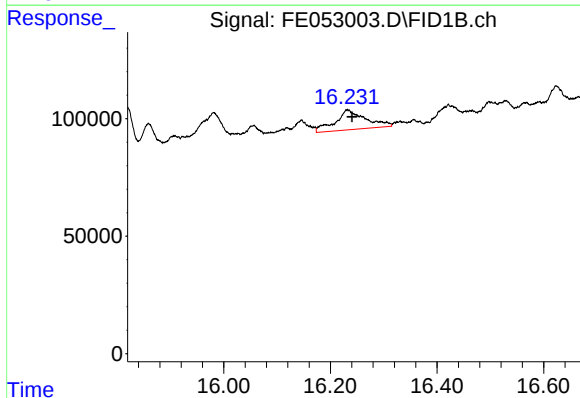
R.T.: 14.100 min
Delta R.T.: -0.010 min
Response: 211686
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-02-032525



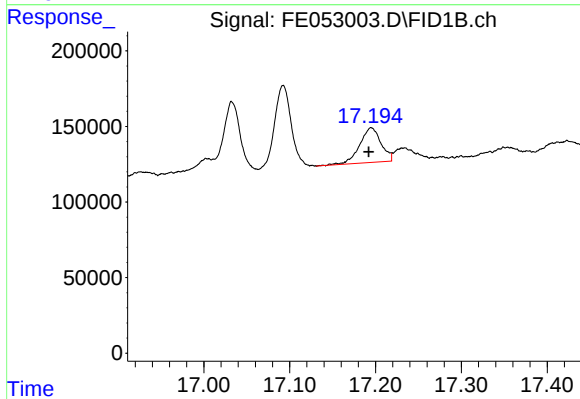
#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.032 min
Response: 1009033
Conc: 7.05 ug/ml



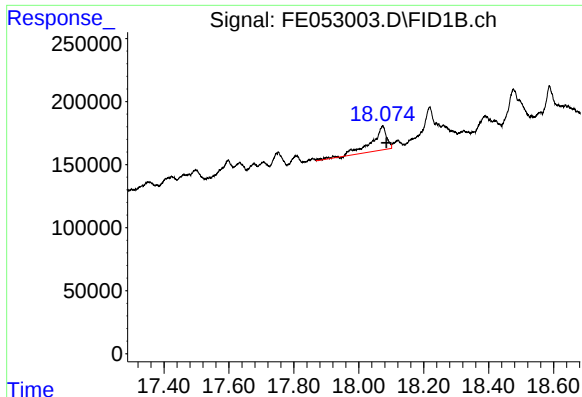
#15 n-Hexacosane (C26)

R.T.: 16.232 min
Delta R.T.: -0.008 min
Response: 334678
Conc: 2.35 ug/ml



#16 n-Octacosane (C28)

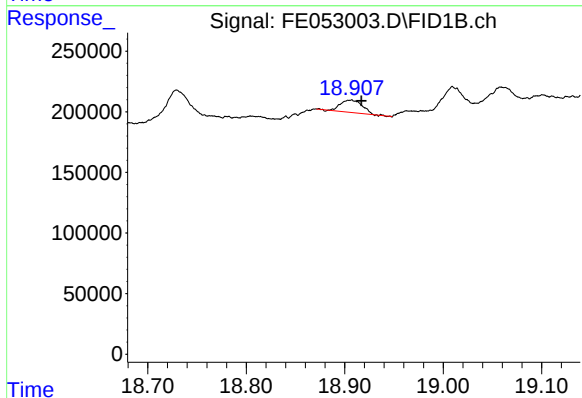
R.T.: 17.195 min
Delta R.T.: 0.003 min
Response: 397079
Conc: 2.79 ug/ml



#17 n-Tricontane (C30)

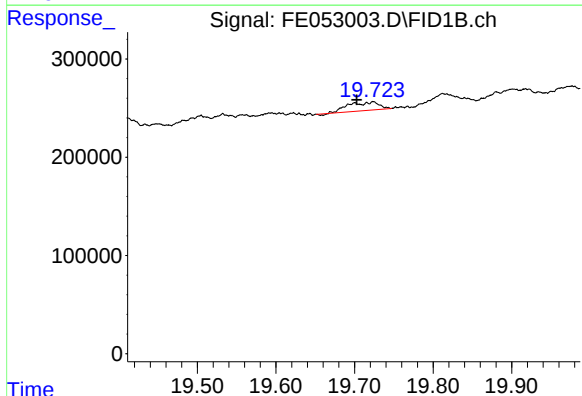
R.T.: 18.073 min
Delta R.T.: -0.012 min
Response: 637965
Conc: 4.32 ug/ml

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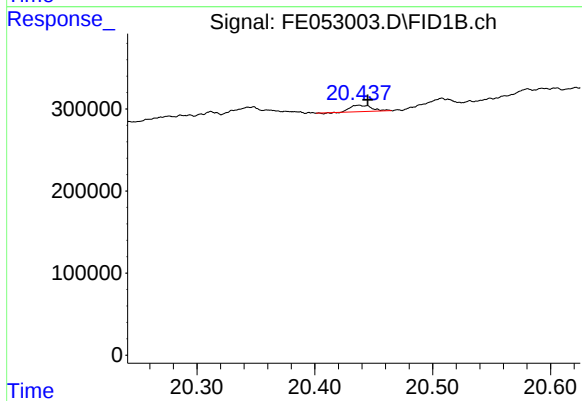
#18 n-Dotriacontane (C32)

R.T.: 18.906 min
Delta R.T.: -0.011 min
Response: 156876
Conc: 1.08 ug/ml



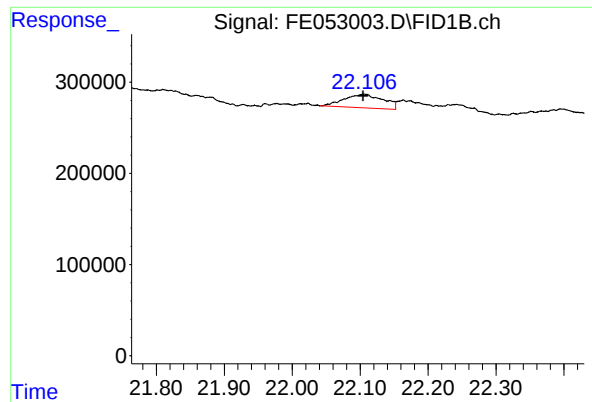
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.021 min
Response: 229733
Conc: 1.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.438 min
Delta R.T.: -0.007 min
Response: 93786
Conc: 0.79 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: 0.002 min
Response: 593808
Conc: 5.49 ug/ml

Instrument :

FID_E

ClientSampleId :

EO-02-032525