

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053136.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 16:48
 Operator : YP\AJ
 Sample : Q1684-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 03 01:17:08 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)	11.894	5859832	35.976 ug/ml
Spiked Amount 50.000		Recovery =	71.95%
12) S 1-chlorooctadecane (S...	13.339	8436369	70.277 ug/ml
Spiked Amount 50.000		Recovery =	140.55%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.210	3982493	23.707 ug/ml
5) T A~2-methylnaphthalene...	7.311	1964880	12.314 ug/ml
6) T n-Tetradecane (C14)	8.460f	459482	3.001 ug/ml
7) T n-Hexadecane (C16)	10.135	1594572	10.344 ug/ml
8) T n-Octadecane (C18)	11.622	199447	1.315 ug/ml
10) T n-Eicosane (C20)	12.907	398700	2.796 ug/ml
11) T n-Heneicosane (C21)	13.519	1700655	12.255 ug/ml
13) T n-Docosane (C22)	14.120	3450845	25.197 ug/ml
14) T n-Tetracosane (C24)	15.197	14351806	106.263 ug/ml
15) T n-Hexacosane (C26)	16.224	1293374	9.695 ug/ml
16) T n-Octacosane (C28)	17.197	5499965	41.677 ug/ml
17) T n-Tricontane (C30)	18.065	4116161	30.369 ug/ml
18) T n-Dotriacontane (C32)	18.898	6453030	47.955 ug/ml
19) T n-Tetratriacontane (C34)	19.685	5663993	43.772 ug/ml
20) T n-Hexatriacontane (C36)	20.424	4464236	37.581 ug/ml
21) T n-Octatriacontane (C38)	21.162	2916848	25.378 ug/ml
22) T n-Tetracontane (C40)	22.074	1570307	13.981 ug/ml

(f)=RT Delta > 1/2 Window

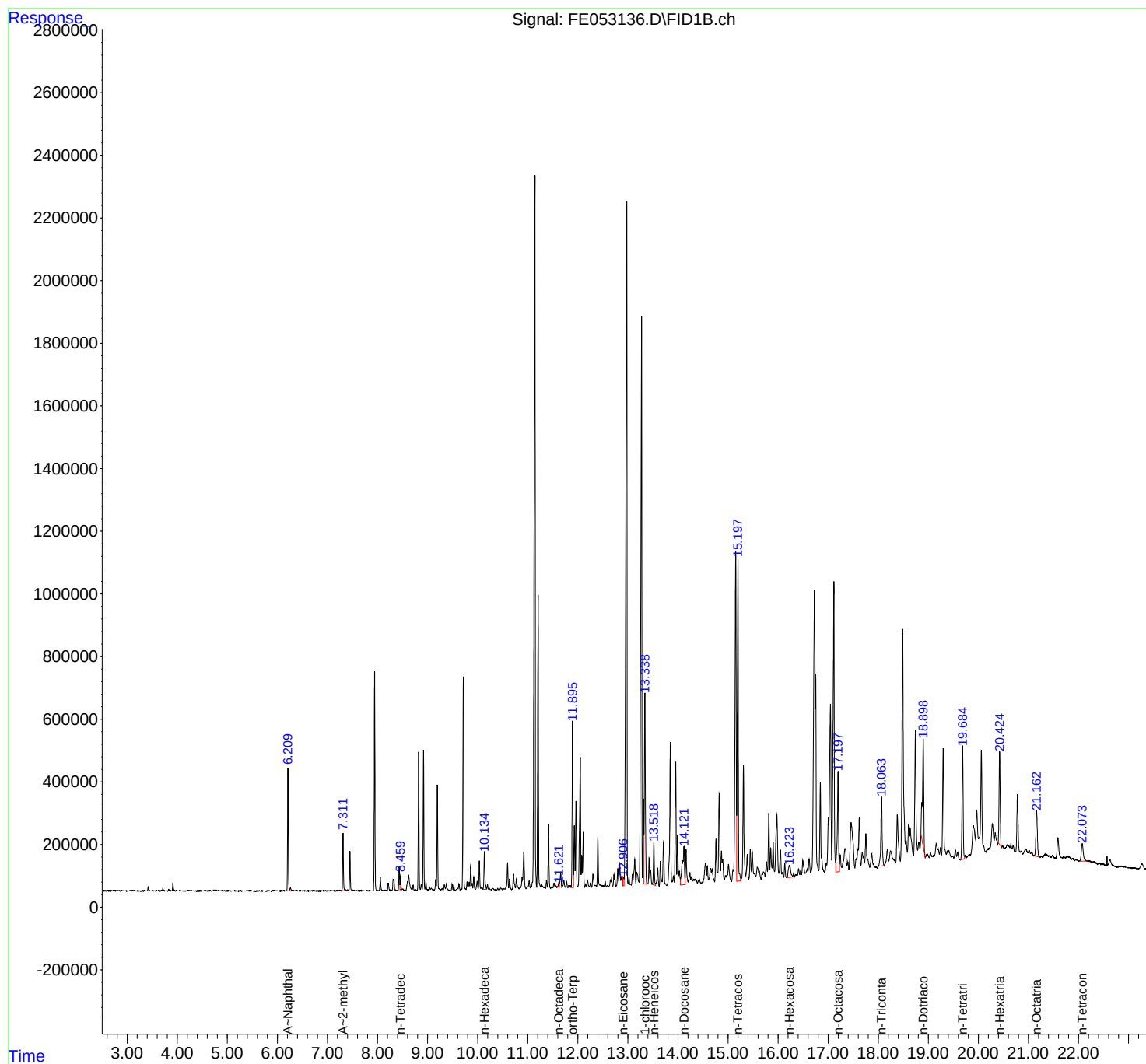
(m)=manual int.

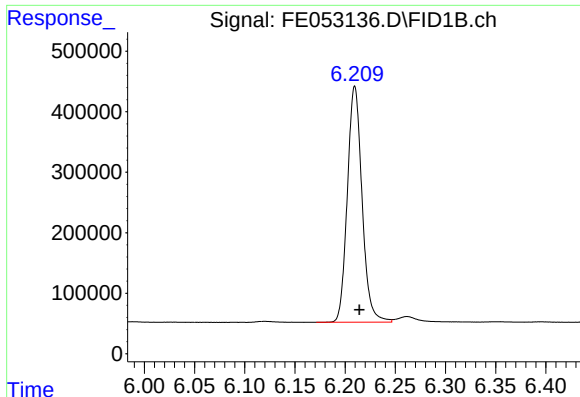
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Signal Info : 20M x 0.18mm x 0.18um

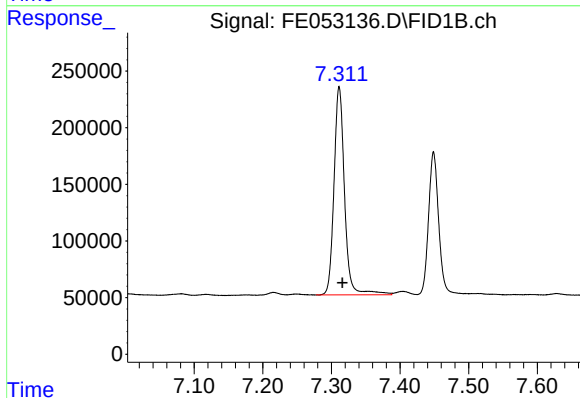




#3 A~Naphthalene (C11.7)

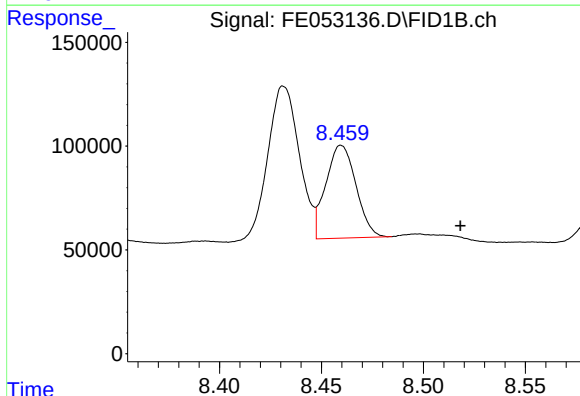
R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 3982493
Conc: 23.71 ug/ml

Instrument :
FID_E
ClientSampleId :



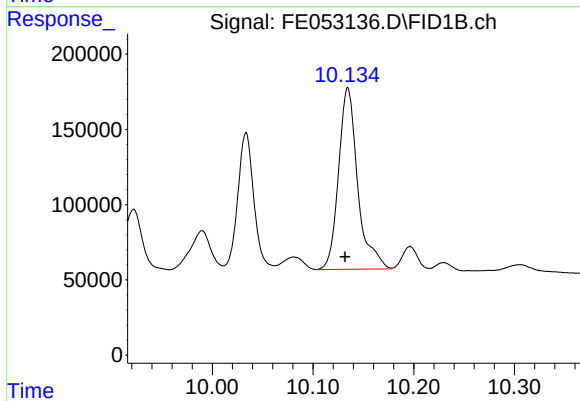
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.005 min
Response: 1964880
Conc: 12.31 ug/ml



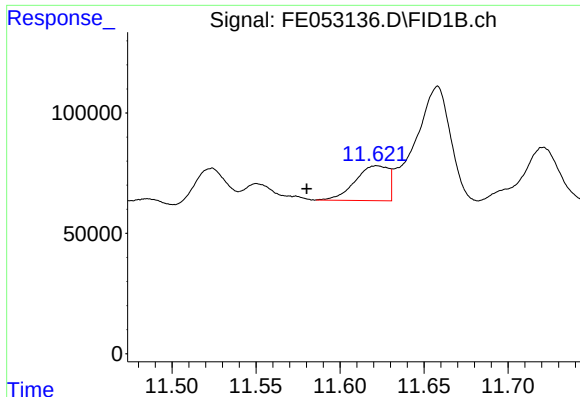
#6 n-Tetradecane (C14)

R.T.: 8.460 min
Delta R.T.: -0.058 min
Response: 459482
Conc: 3.00 ug/ml



#7 n-Hexadecane (C16)

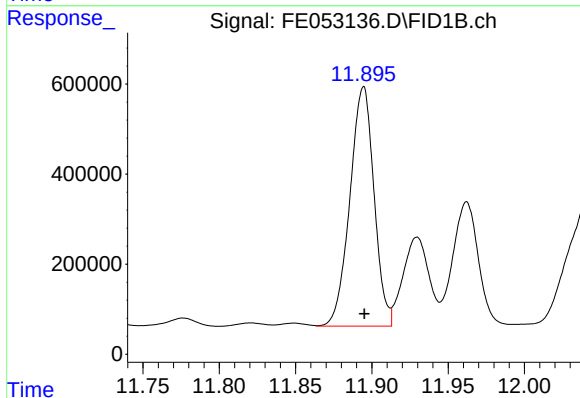
R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 1594572
Conc: 10.34 ug/ml



#8 n-Octadecane (C18)

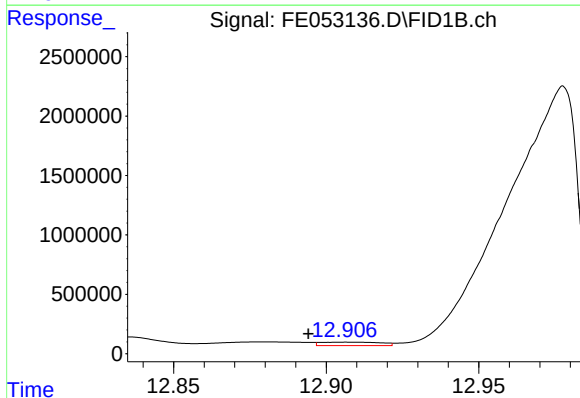
R.T.: 11.622 min
Delta R.T.: 0.042 min
Response: 199447
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :



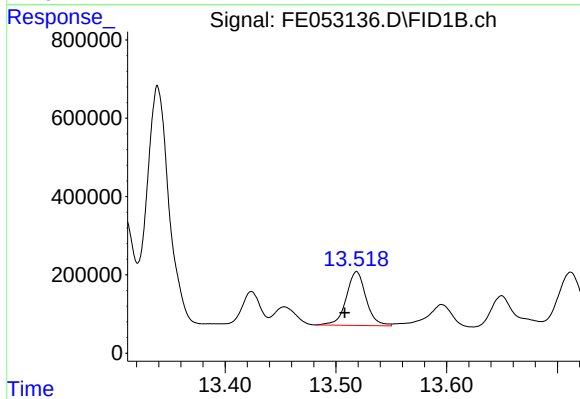
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: 0.000 min
Response: 5859832
Conc: 35.98 ug/ml



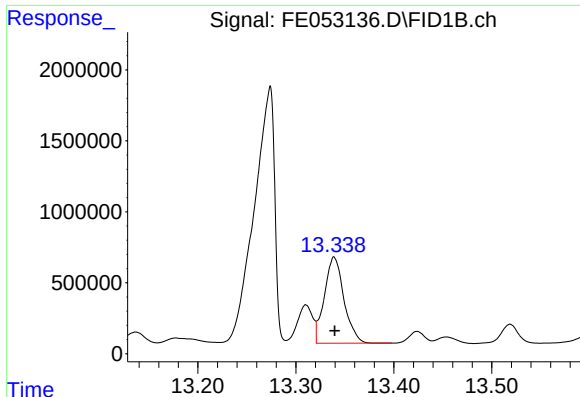
#10 n-Eicosane (C20)

R.T.: 12.907 min
Delta R.T.: 0.013 min
Response: 398700
Conc: 2.80 ug/ml



#11 n-Heneicosane (C21)

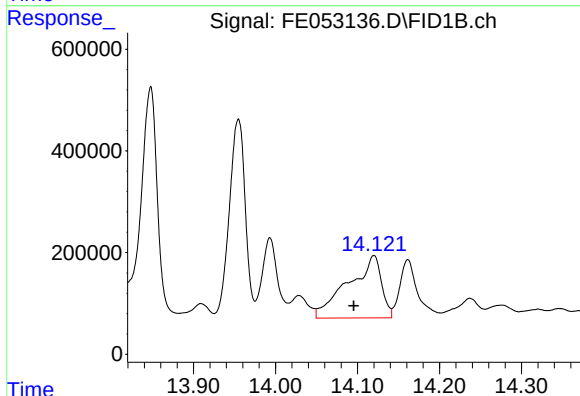
R.T.: 13.519 min
Delta R.T.: 0.011 min
Response: 1700655
Conc: 12.26 ug/ml



#12 1-chlorooctadecane (SURR)

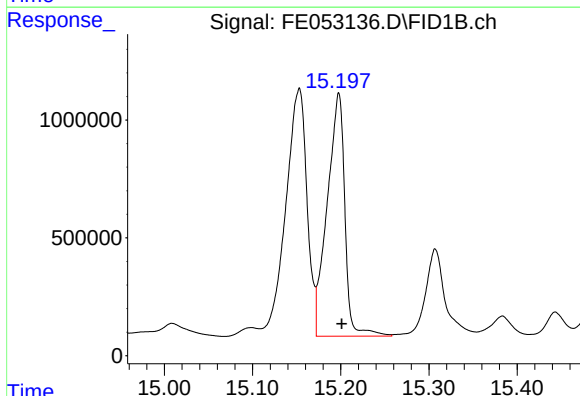
R.T.: 13.339 min
Delta R.T.: 0.000 min
Response: 8436369
Conc: 70.28 ug/ml

Instrument :
FID_E
ClientSampleId :



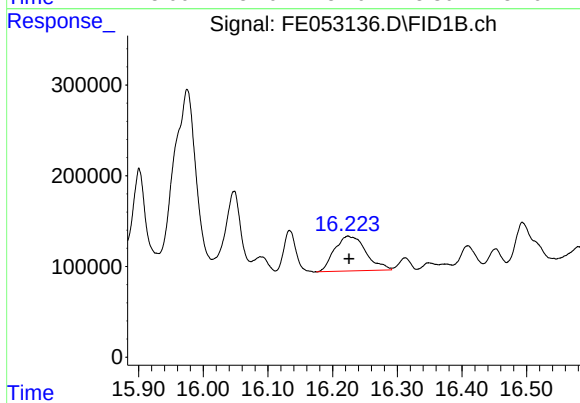
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: 0.024 min
Response: 3450845
Conc: 25.20 ug/ml



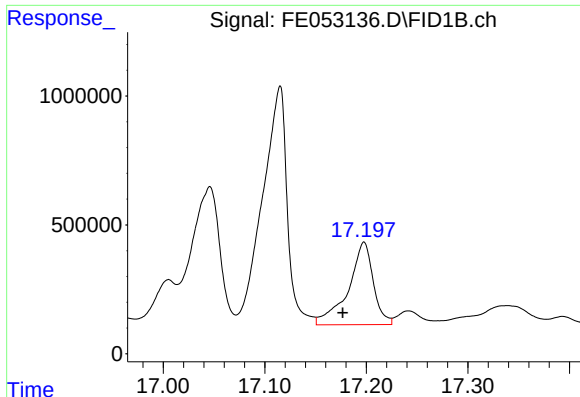
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 14351806
Conc: 106.26 ug/ml



#15 n-Hexacosane (C26)

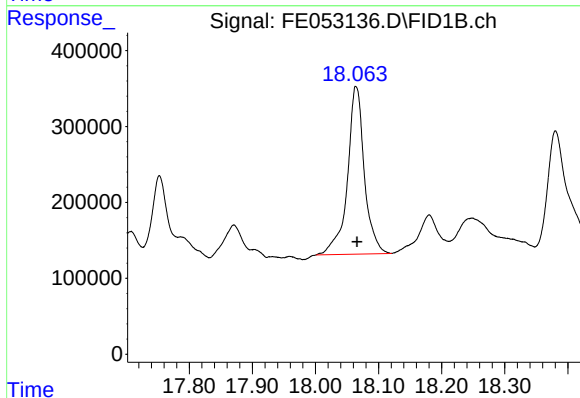
R.T.: 16.224 min
Delta R.T.: -0.001 min
Response: 1293374
Conc: 9.69 ug/ml



#16 n-Octacosane (C28)

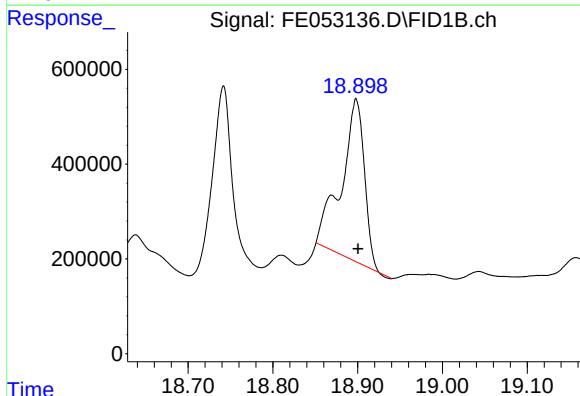
R.T.: 17.197 min
Delta R.T.: 0.021 min
Response: 5499965
Conc: 41.68 ug/ml

Instrument :
FID_E
ClientSampleId :



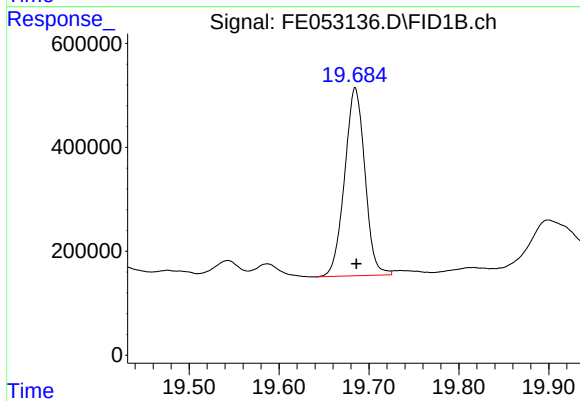
#17 n-Tricontane (C30)

R.T.: 18.065 min
Delta R.T.: -0.002 min
Response: 4116161
Conc: 30.37 ug/ml



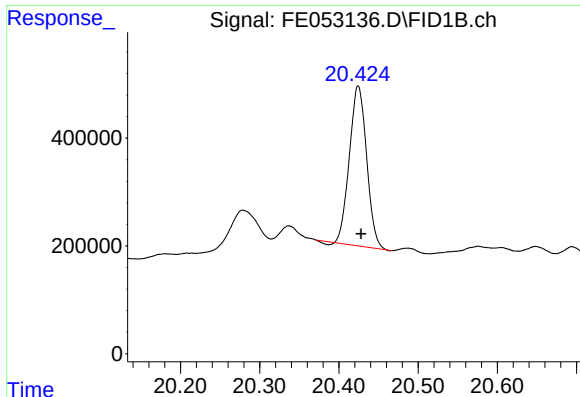
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.002 min
Response: 6453030
Conc: 47.96 ug/ml



#19 n-Tetratriacontane (C34)

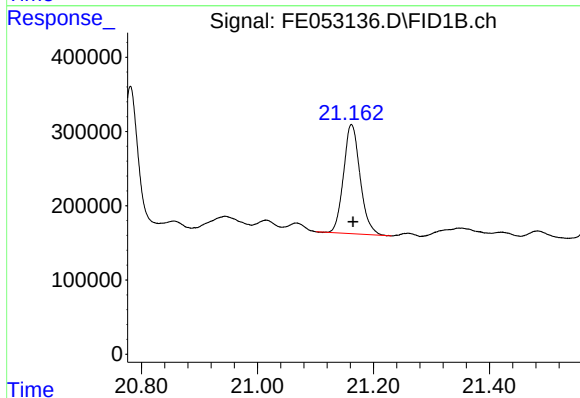
R.T.: 19.685 min
Delta R.T.: -0.001 min
Response: 5663993
Conc: 43.77 ug/ml



#20 n-Hexatriacontane (C36)

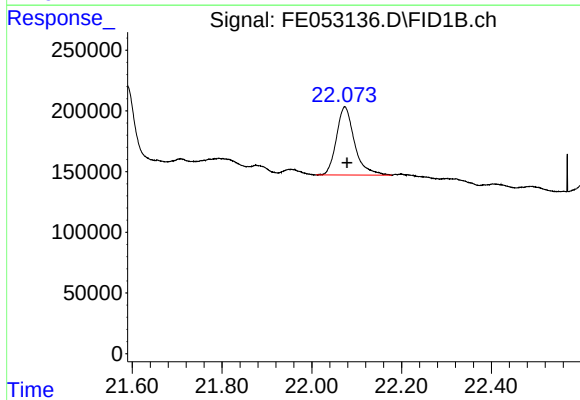
R.T.: 20.424 min
Delta R.T.: -0.003 min
Response: 4464236
Conc: 37.58 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.162 min
Delta R.T.: -0.003 min
Response: 2916848
Conc: 25.38 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.074 min
Delta R.T.: -0.005 min
Response: 1570307
Conc: 13.98 ug/ml