

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053173.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 20:56
 Operator : YP\AJ
 Sample : Q1706-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 04 04:11:31 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)	11.892	4840378	29.717 ug/ml
Spiked Amount 50.000		Recovery =	59.43%
12) S 1-chlorooctadecane (S...	13.337	3898512	32.476 ug/ml
Spiked Amount 50.000		Recovery =	64.95%
Target Compounds			
2) T n-Decane (C10)	4.496	87596	0.558 ug/ml
4) T n-Dodecane (C12)	6.678	351998	2.251 ug/ml
5) T A~2-methylnaphthalene...	7.315	264780	1.659 ug/ml
6) T n-Tetradecane (C14)	8.514	599525	3.915 ug/ml
7) T n-Hexadecane (C16)	10.128	568672	3.689 ug/ml
8) T n-Octadecane (C18)	11.575	420371	2.772 ug/ml
10) T n-Eicosane (C20)	12.890	478024	3.353 ug/ml
11) T n-Heneicosane (C21)	13.504	313312	2.258 ug/ml
13) T n-Docosane (C22)	14.093	240260	1.754 ug/ml
14) T n-Tetracosane (C24)	15.174	902448	6.682 ug/ml
15) T n-Hexacosane (C26)	16.223	352014	2.639 ug/ml
16) T n-Octacosane (C28)	17.185	572804	4.340 ug/ml
17) T n-Tricontane (C30)	18.064	374571	2.764 ug/ml
18) T n-Dotriacontane (C32)	18.899	289728	2.153 ug/ml
19) T n-Tetratriacontane (C34)	19.688	252699	1.953 ug/ml
20) T n-Hexatriacontane (C36)	20.429	163312	1.375 ug/ml
21) T n-Octatriacontane (C38)	21.168	279702	2.434 ug/ml
22) T n-Tetracontane (C40)	22.086	310346	2.763 ug/ml

(f)=RT Delta > 1/2 Window

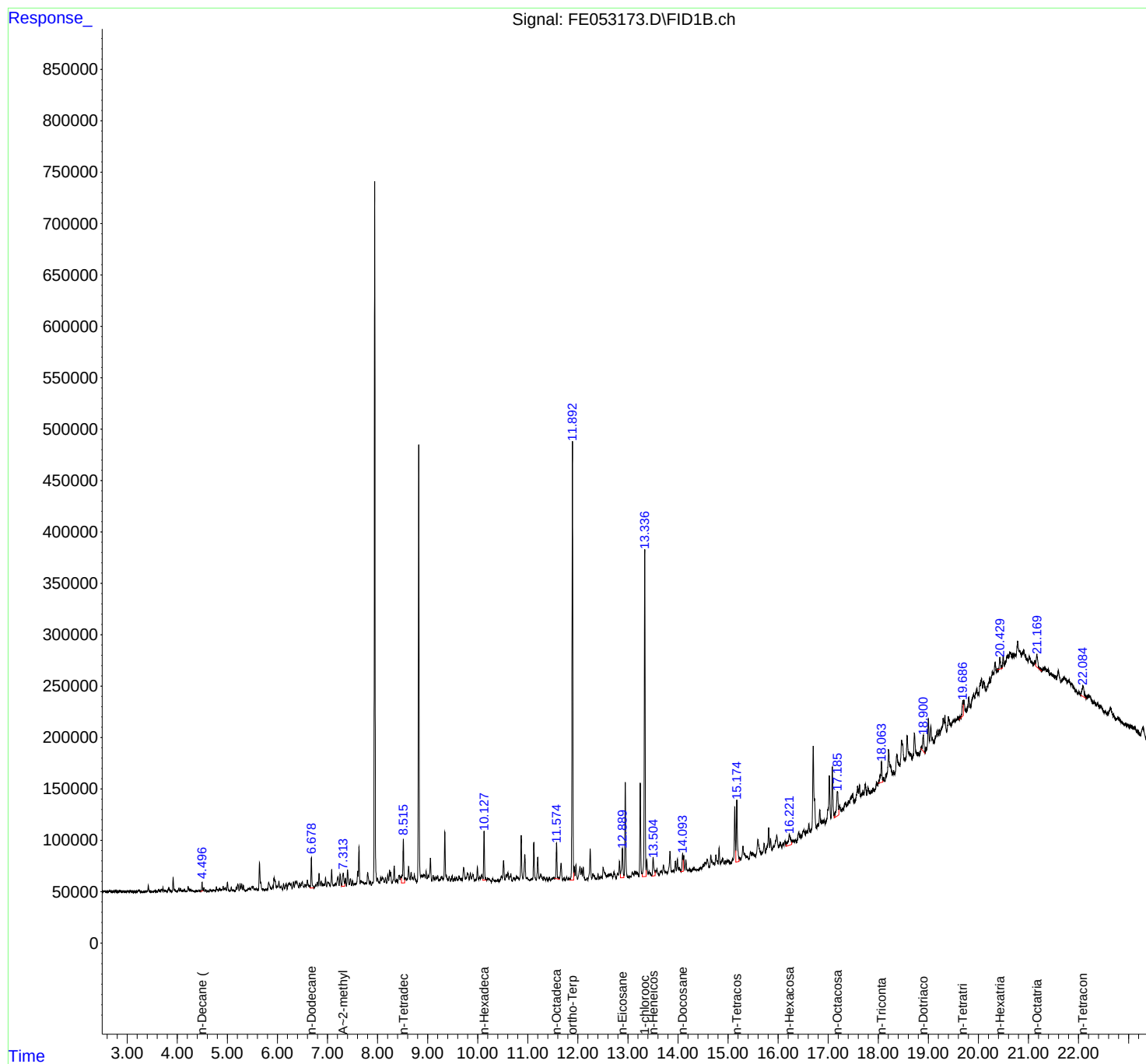
(m)=manual int.

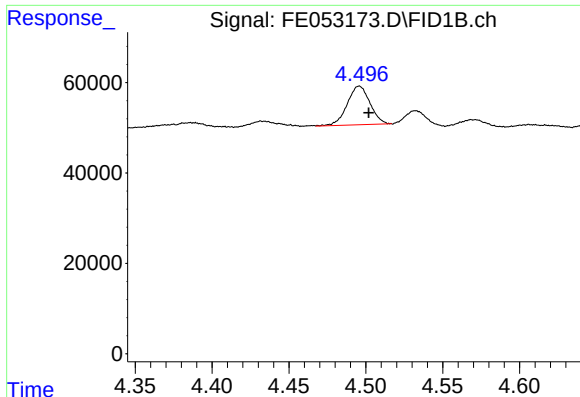
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
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Volume Inj. : 1 uL
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Signal Info : 20M x 0.18mm x 0.18um

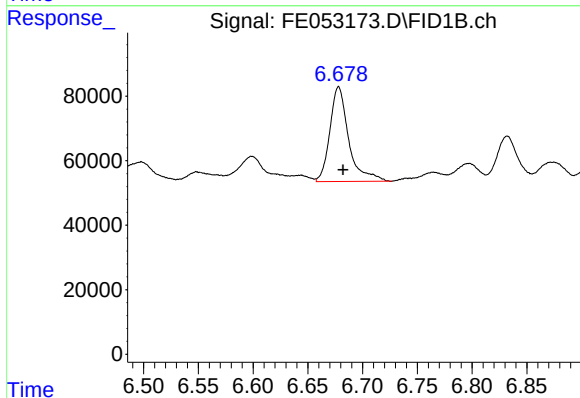




#2 n-Decane (C10)

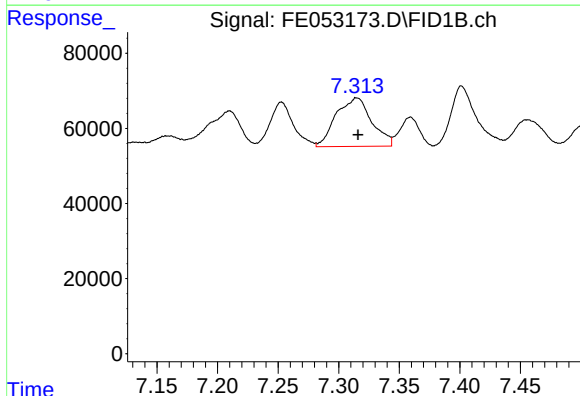
R.T.: 4.496 min
Delta R.T.: -0.006 min
Response: 87596
Conc: 0.56 ug/ml

Instrument :
FID_E
ClientSampleId :



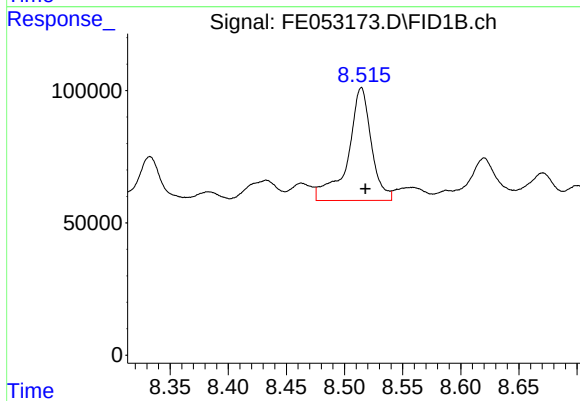
#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 351998
Conc: 2.25 ug/ml



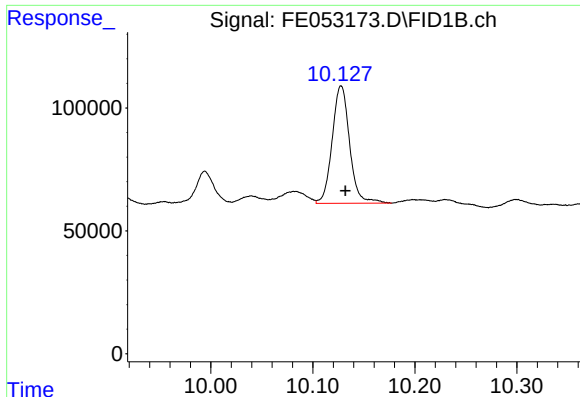
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: -0.001 min
Response: 264780
Conc: 1.66 ug/ml



#6 n-Tetradecane (C14)

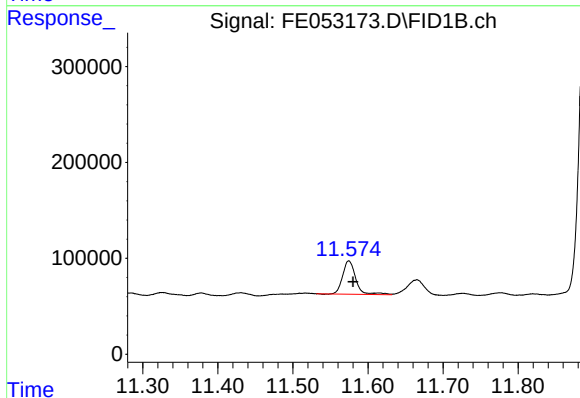
R.T.: 8.514 min
Delta R.T.: -0.004 min
Response: 599525
Conc: 3.92 ug/ml



#7 n-Hexadecane (C16)

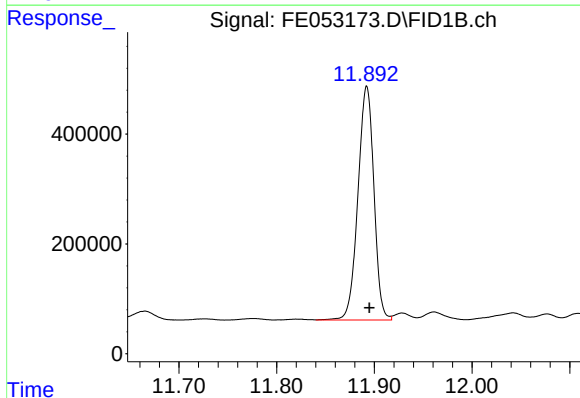
R.T.: 10.128 min
Delta R.T.: -0.004 min
Response: 568672
Conc: 3.69 ug/ml

Instrument :
FID_E
ClientSampleId :



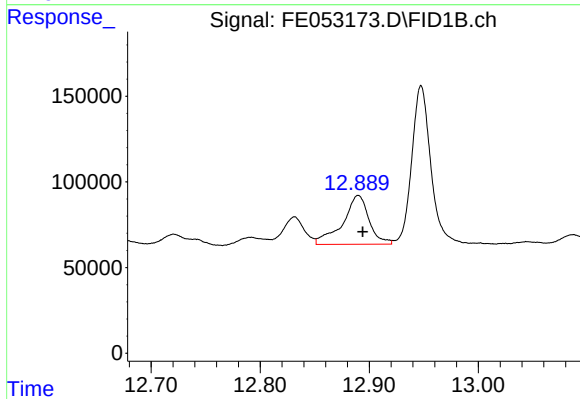
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.006 min
Response: 420371
Conc: 2.77 ug/ml



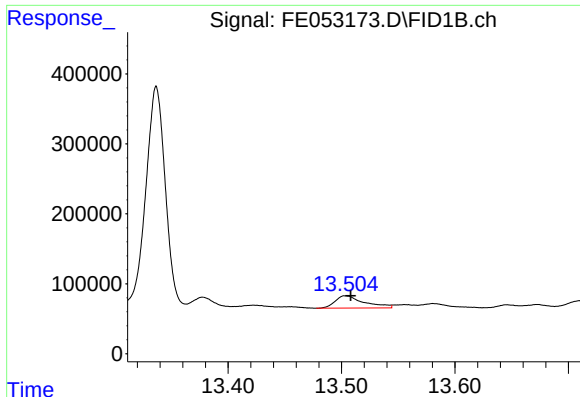
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.003 min
Response: 4840378
Conc: 29.72 ug/ml



#10 n-Eicosane (C20)

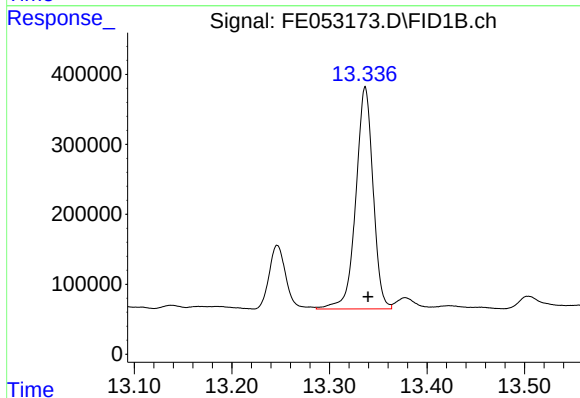
R.T.: 12.890 min
Delta R.T.: -0.004 min
Response: 478024
Conc: 3.35 ug/ml



#11 n-Heneicosane (C21)

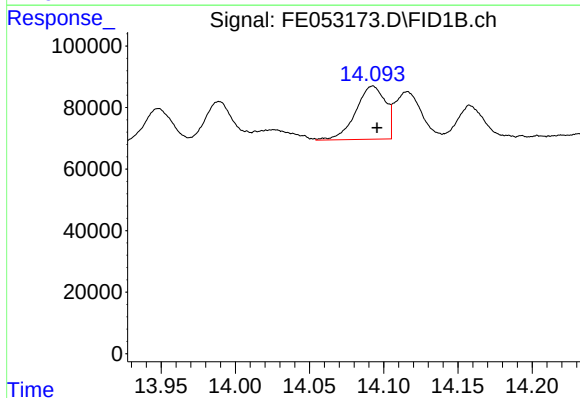
R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 313312
Conc: 2.26 ug/ml

Instrument :
FID_E
ClientSampleId :



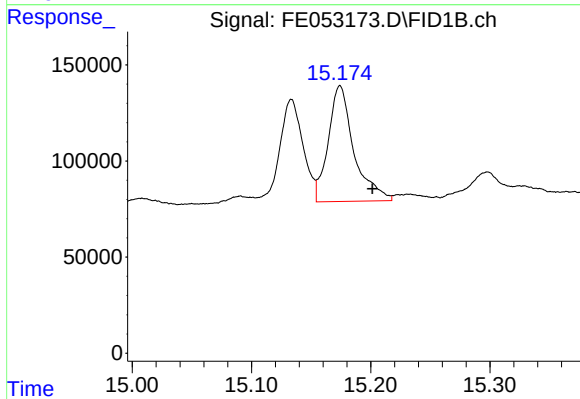
#12 1-chlorooctadecane (SURR)

R.T.: 13.337 min
Delta R.T.: -0.003 min
Response: 3898512
Conc: 32.48 ug/ml



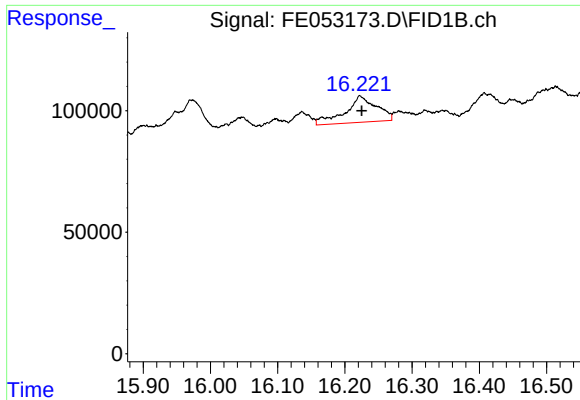
#13 n-Docosane (C22)

R.T.: 14.093 min
Delta R.T.: -0.003 min
Response: 240260
Conc: 1.75 ug/ml



#14 n-Tetracosane (C24)

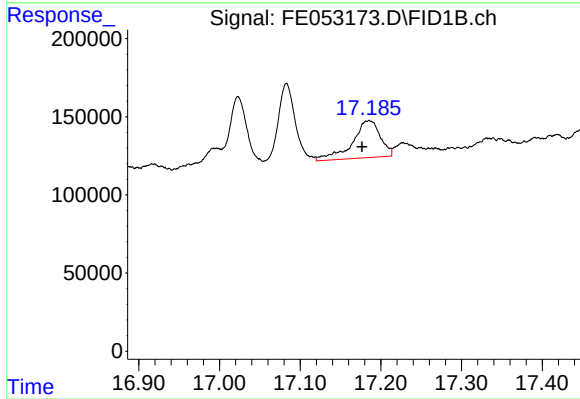
R.T.: 15.174 min
Delta R.T.: -0.027 min
Response: 902448
Conc: 6.68 ug/ml



#15 n-Hexacosane (C26)

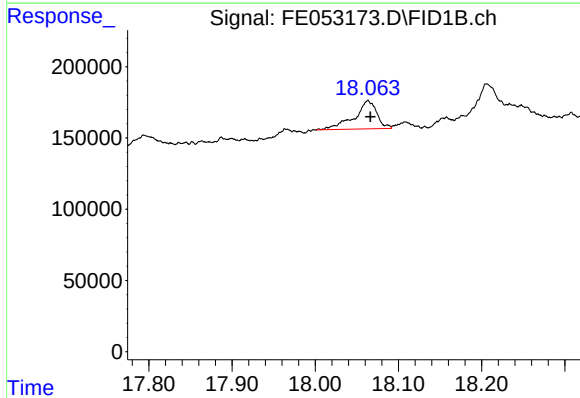
R.T.: 16.223 min
Delta R.T.: -0.002 min
Response: 352014
Conc: 2.64 ug/ml

Instrument :
FID_E
ClientSampleId :



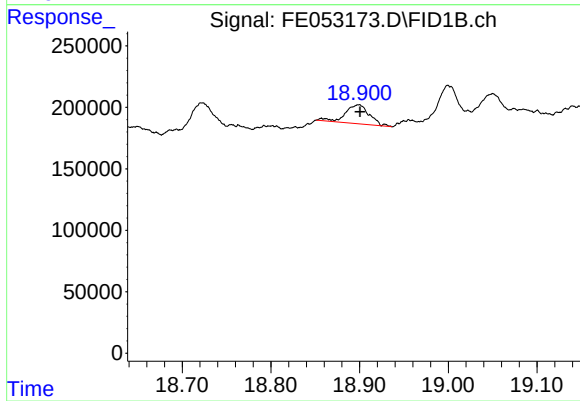
#16 n-Octacosane (C28)

R.T.: 17.185 min
Delta R.T.: 0.008 min
Response: 572804
Conc: 4.34 ug/ml



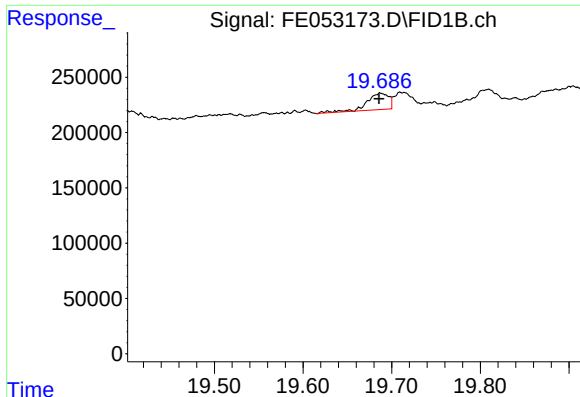
#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 374571
Conc: 2.76 ug/ml



#18 n-Dotriacontane (C32)

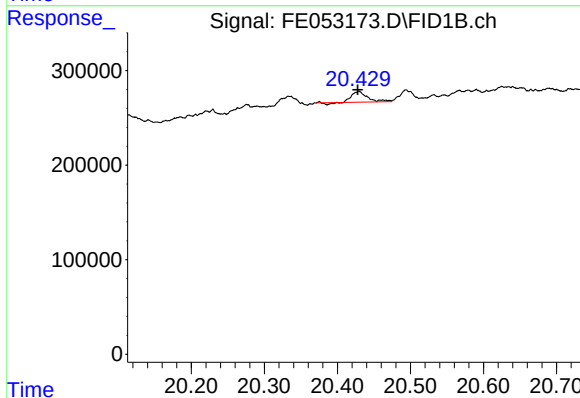
R.T.: 18.899 min
Delta R.T.: -0.002 min
Response: 289728
Conc: 2.15 ug/ml



#19 n-Tetratriacontane (C34)

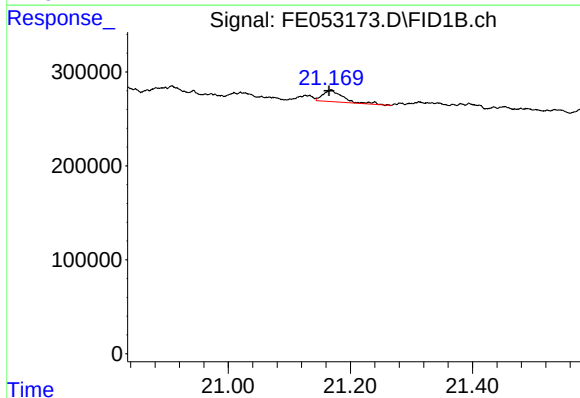
R.T.: 19.688 min
Delta R.T.: 0.002 min
Response: 252699
Conc: 1.95 ug/ml

Instrument :
FID_E
ClientSampleId :



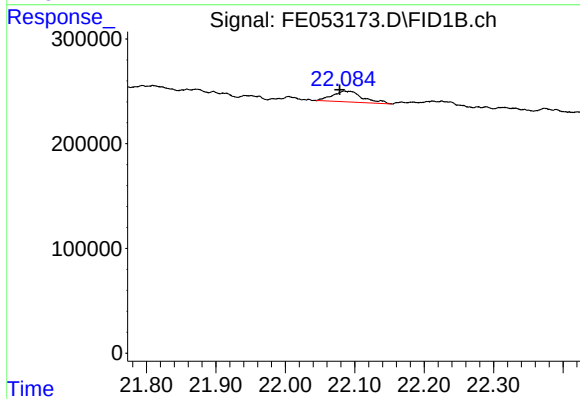
#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: 0.001 min
Response: 163312
Conc: 1.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.003 min
Response: 279702
Conc: 2.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.086 min
Delta R.T.: 0.008 min
Response: 310346
Conc: 2.76 ug/ml