

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
 Data File : FE052111.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jan 2025 18:28
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 29 03:06:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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			
12) S 1-chlorooctadecane (S...	13.612	4264589	37.176 ug/ml
Spiked Amount 50.000		Recovery =	74.35%
Target Compounds			
1) T n-Nonane (C9)	3.678	161348	1.513 ug/ml
2) T n-Decane (C10)	4.904	201325	1.839 ug/ml
4) T n-Dodecane (C12)	7.031	258643	2.292 ug/ml
6) T n-Tetradecane (C14)	8.836	263516	2.266 ug/ml
7) T n-Hexadecane (C16)	10.430	266627	2.114 ug/ml
8) T n-Octadecane (C18)	11.862	286572	2.166 ug/ml
10) T n-Eicosane (C20)	13.164	298453	2.277 ug/ml
11) T n-Heneicosane (C21)	13.771	275213	2.114 ug/ml
13) T n-Docosane (C22)	14.355	288037	2.195 ug/ml
14) T n-Tetracosane (C24)	15.452	297637	2.241 ug/ml
15) T n-Hexacosane (C26)	16.470	283447	2.144 ug/ml
16) T n-Octacosane (C28)	17.416	291057	2.205 ug/ml
17) T n-Tricontane (C30)	18.300	334122	2.451 ug/ml
18) T n-Dotriacontane (C32)	19.131	353898	2.700 ug/ml
19) T n-Tetratriacontane (C34)	19.912	320205	2.844 ug/ml
20) T n-Hexatriacontane (C36)	20.650	284726	2.998 ug/ml
21) T n-Octatriacontane (C38)	21.434	249448	2.888 ug/ml
22) T n-Tetracontane (C40)	22.433	247463	3.003 ug/ml

(f)=RT Delta > 1/2 Window

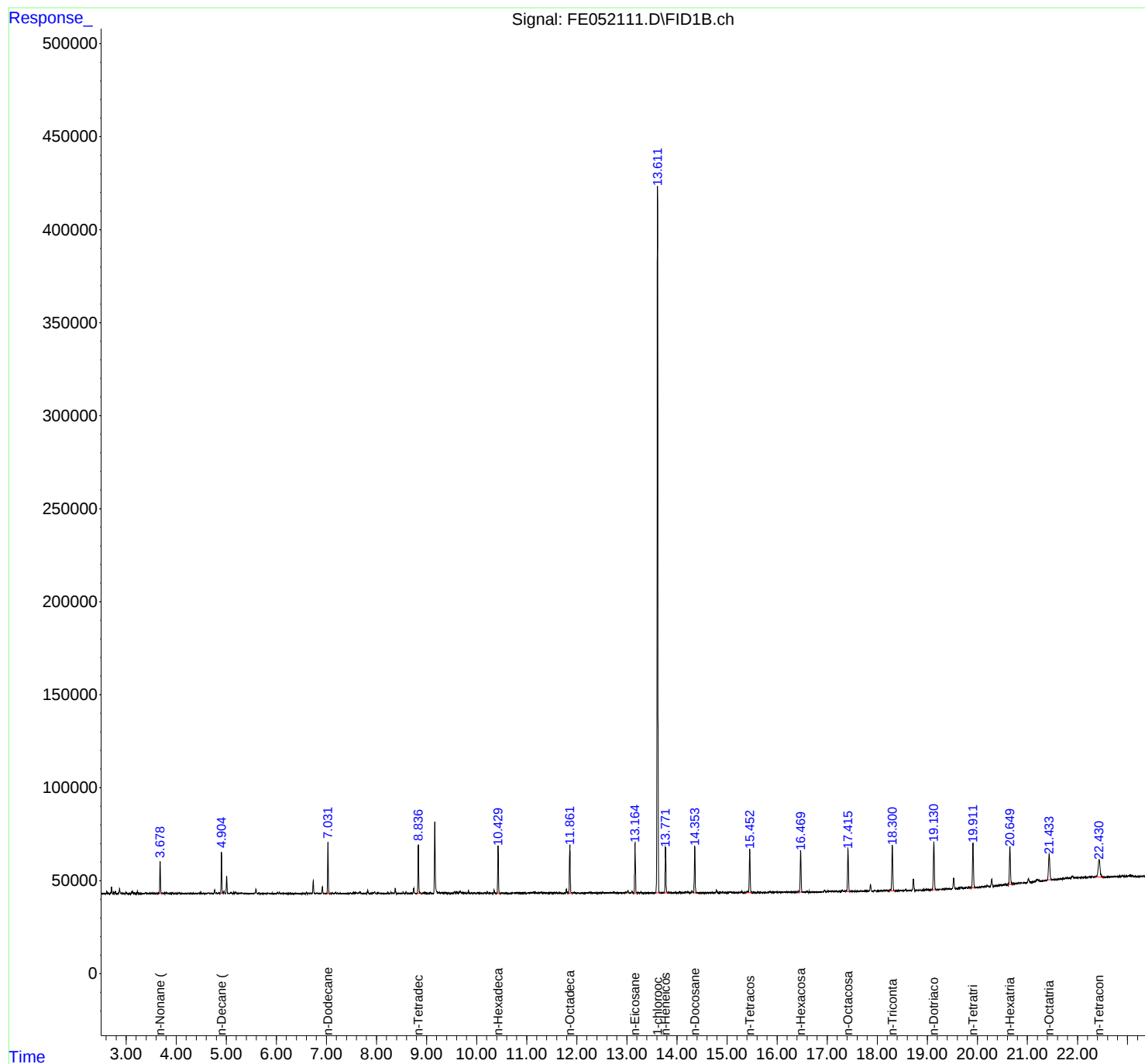
(m)=manual int.

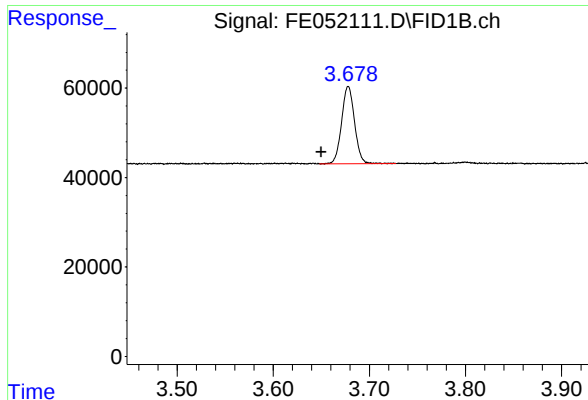
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012825AL\
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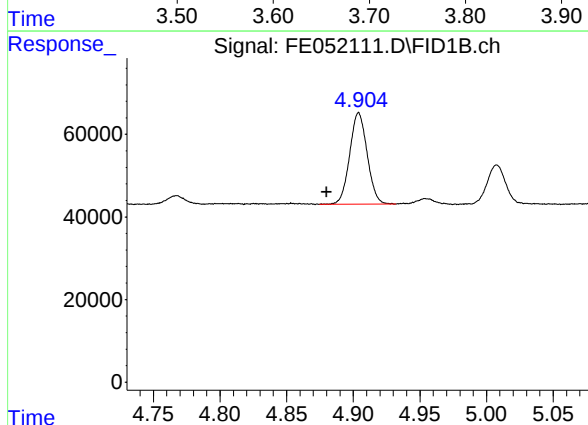




#1 n-Nonane (C9)

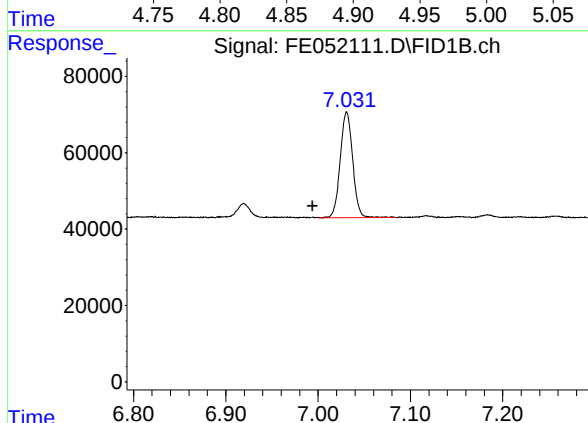
R.T.: 3.678 min
Delta R.T.: 0.028 min
Response: 161348
Conc: 1.51 ug/ml

Instrument :
FID_E
ClientSampleId :



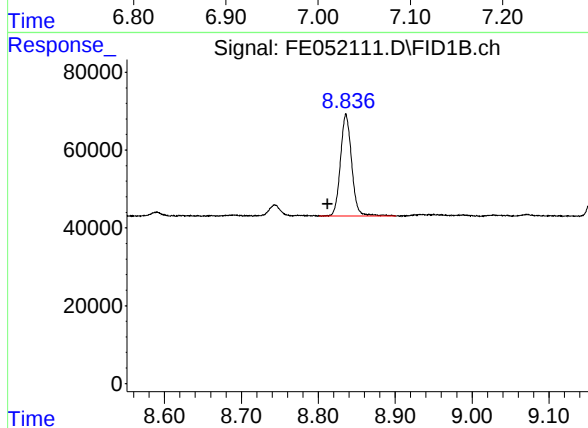
#2 n-Decane (C10)

R.T.: 4.904 min
Delta R.T.: 0.024 min
Response: 201325
Conc: 1.84 ug/ml



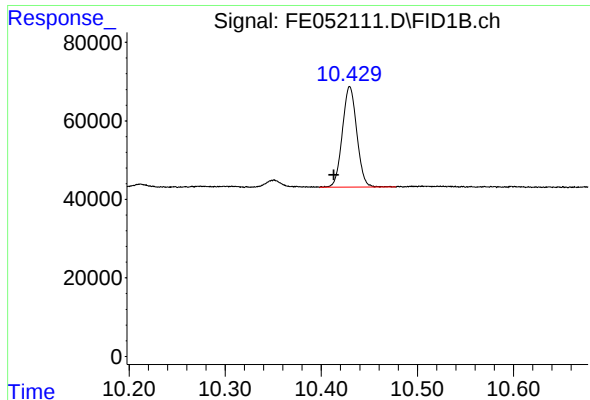
#4 n-Dodecane (C12)

R.T.: 7.031 min
Delta R.T.: 0.037 min
Response: 258643
Conc: 2.29 ug/ml



#6 n-Tetradecane (C14)

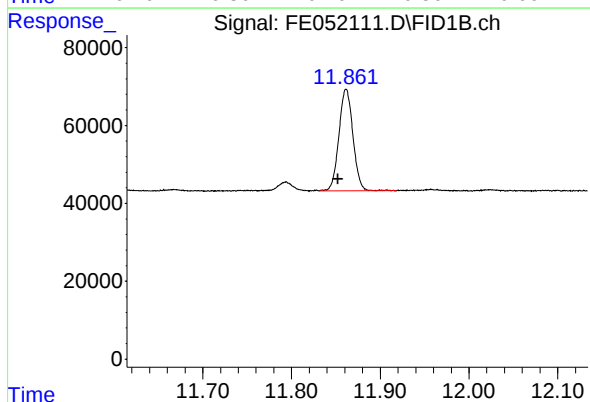
R.T.: 8.836 min
Delta R.T.: 0.024 min
Response: 263516
Conc: 2.27 ug/ml



#7 n-Hexadecane (C16)

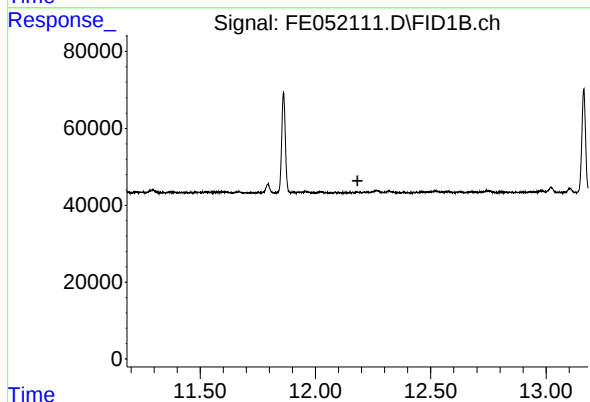
R.T.: 10.430 min
Delta R.T.: 0.016 min
Response: 266627
Conc: 2.11 ug/ml

Instrument :
FID_E
ClientSampleId :



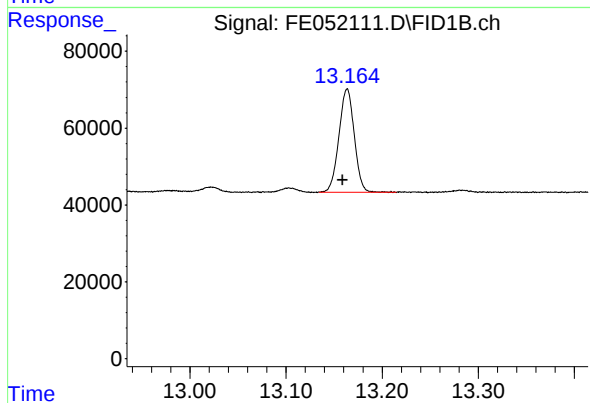
#8 n-Octadecane (C18)

R.T.: 11.862 min
Delta R.T.: 0.009 min
Response: 286572
Conc: 2.17 ug/ml



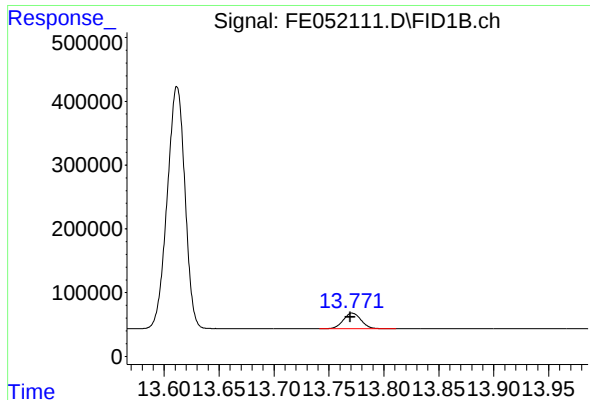
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.182 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

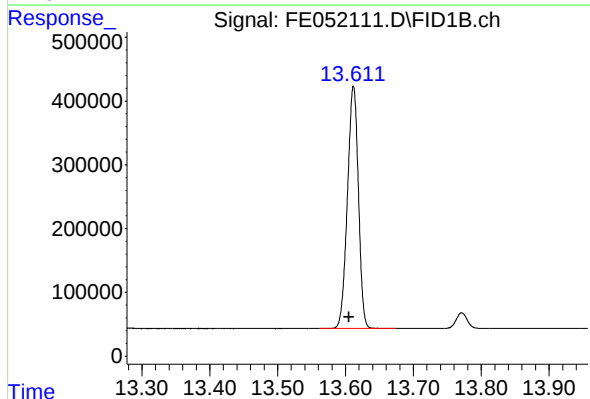
R.T.: 13.164 min
Delta R.T.: 0.005 min
Response: 298453
Conc: 2.28 ug/ml



#11 n-Heneicosane (C21)

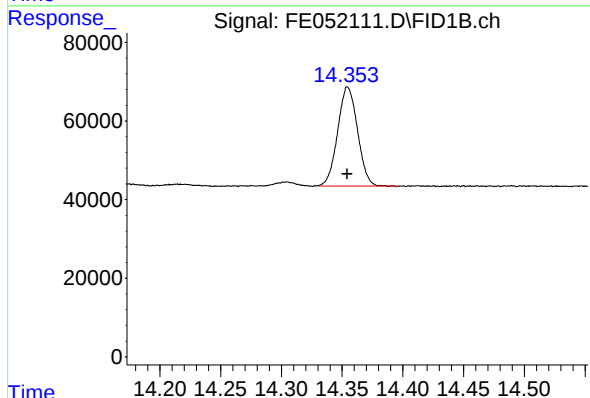
R.T.: 13.771 min
Delta R.T.: 0.002 min
Response: 275213
Conc: 2.11 ug/ml

Instrument :
FID_E
ClientSampleId :



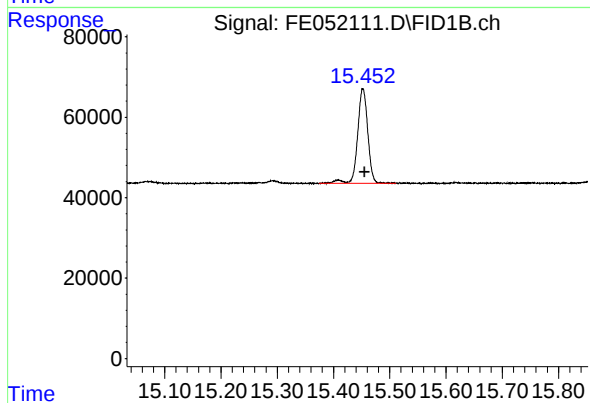
#12 1-chlorooctadecane (SURR)

R.T.: 13.612 min
Delta R.T.: 0.007 min
Response: 4264589
Conc: 37.18 ug/ml



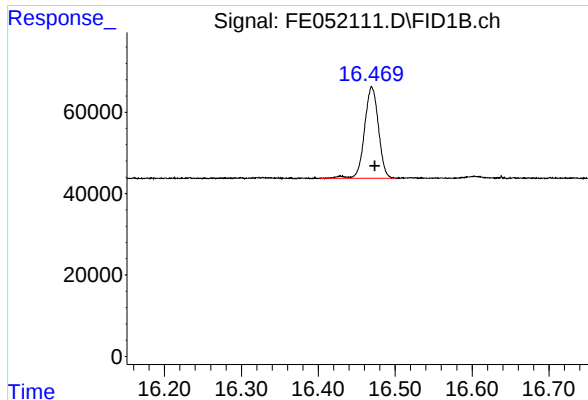
#13 n-Docosane (C22)

R.T.: 14.355 min
Delta R.T.: 0.000 min
Response: 288037
Conc: 2.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.452 min
Delta R.T.: -0.003 min
Response: 297637
Conc: 2.24 ug/ml



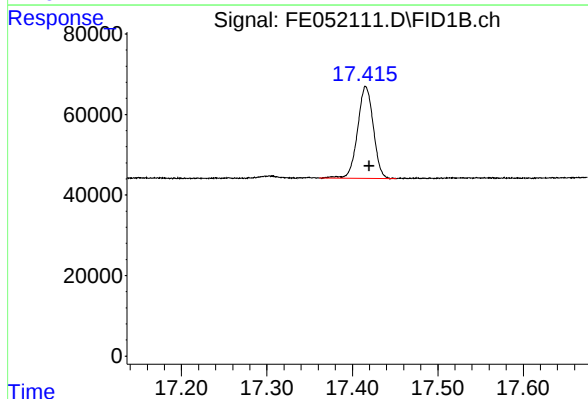
#15 n-Hexacosane (C26)

R.T.: 16.470 min
Delta R.T.: -0.004 min
Response: 283447
Conc: 2.14 ug/ml

Instrument :

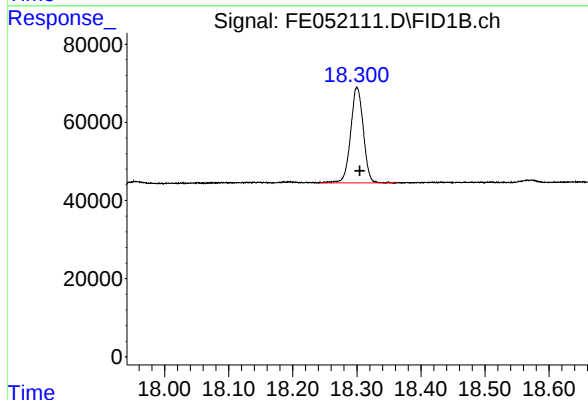
FID_E

ClientSampleId :



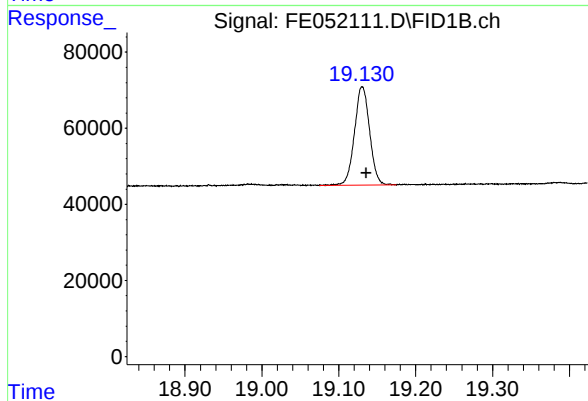
#16 n-Octacosane (C28)

R.T.: 17.416 min
Delta R.T.: -0.004 min
Response: 291057
Conc: 2.21 ug/ml



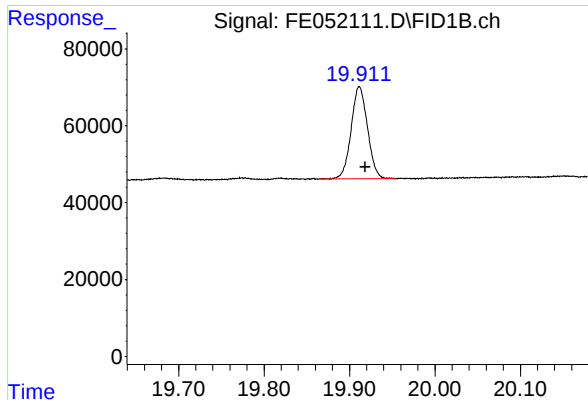
#17 n-Tricontane (C30)

R.T.: 18.300 min
Delta R.T.: -0.004 min
Response: 334122
Conc: 2.45 ug/ml



#18 n-Dotriacontane (C32)

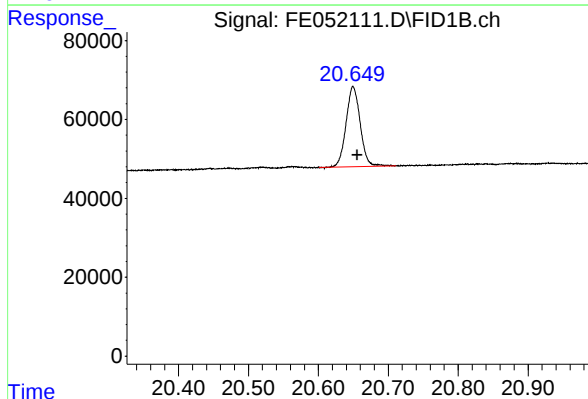
R.T.: 19.131 min
Delta R.T.: -0.005 min
Response: 353898
Conc: 2.70 ug/ml



#19 n-Tetratriacontane (C34)

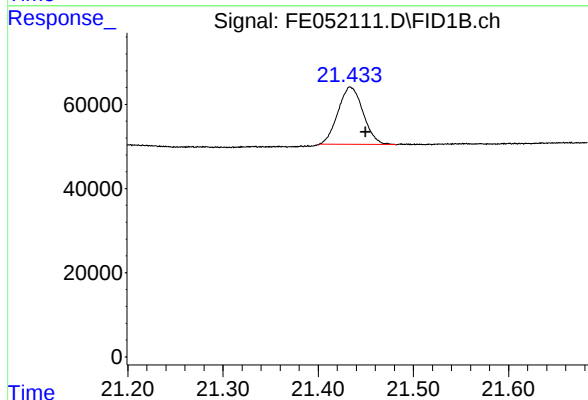
R.T.: 19.912 min
Delta R.T.: -0.007 min
Response: 320205
Conc: 2.84 ug/ml

Instrument :
FID_E
ClientSampleId :



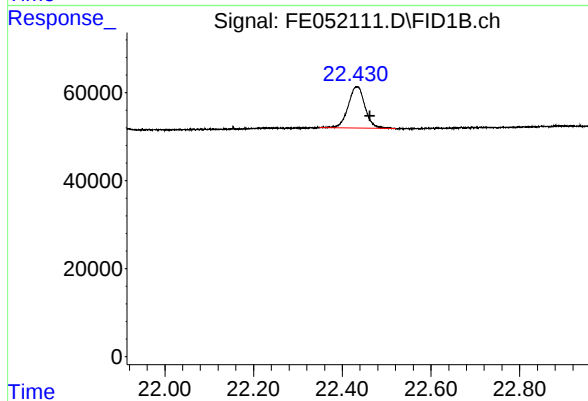
#20 n-Hexatriacontane (C36)

R.T.: 20.650 min
Delta R.T.: -0.006 min
Response: 284726
Conc: 3.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.434 min
Delta R.T.: -0.016 min
Response: 249448
Conc: 2.89 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.433 min
Delta R.T.: -0.029 min
Response: 247463
Conc: 3.00 ug/ml