

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
 Data File : FE051871.D
 Signal(s) : FID1B.ch
 Acq On : 08 Jan 2025 17:16
 Operator : YP\AJ
 Sample : Q1027-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 08 22:59:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 03 04:14:12 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)	12.140	3356068	23.153 ug/ml
Spiked Amount 50.000		Recovery =	46.31%
12) S 1-chlorooctadecane (S...	13.576	49588487	431.543 ug/ml
Spiked Amount 50.000		Recovery =	863.09%
Target Compounds			
2) T n-Decane (C10)	4.798	67969	0.597 ug/ml
3) T A~Naphthalene (C11.7)	6.452	130361	1.022 ug/ml
4) T n-Dodecane (C12)	6.947	812426	6.918 ug/ml
5) T A~2-methylnaphthalene...	7.564	166720	1.332 ug/ml
6) T n-Tetradecane (C14)	8.732	130722	1.090 ug/ml
7) T n-Hexadecane (C16)	10.332	153900	1.203 ug/ml
8) T n-Octadecane (C18)	11.811	766322	5.759 ug/ml
10) T n-Eicosane (C20)	13.119	594838	4.521 ug/ml
13) T n-Docosane (C22)	14.317	388671	2.963 ug/ml
14) T n-Tetracosane (C24)	15.410	734173	5.543 ug/ml
15) T n-Hexacosane (C26)	16.436	192904	1.470 ug/ml
16) T n-Octacosane (C28)	17.387	236735	1.834 ug/ml
17) T n-Tricontane (C30)	18.271	460919	3.506 ug/ml
18) T n-Dotriacontane (C32)	19.102	414448	3.266 ug/ml
19) T n-Tetratriacontane (C34)	19.883	430356	3.873 ug/ml
20) T n-Hexatriacontane (C36)	20.628	244563	2.479 ug/ml
21) T n-Octatriacontane (C38)	21.413	1669379	17.632 ug/ml
22) T n-Tetracontane (C40)	22.423	266947	2.900 ug/ml

(f)=RT Delta > 1/2 Window

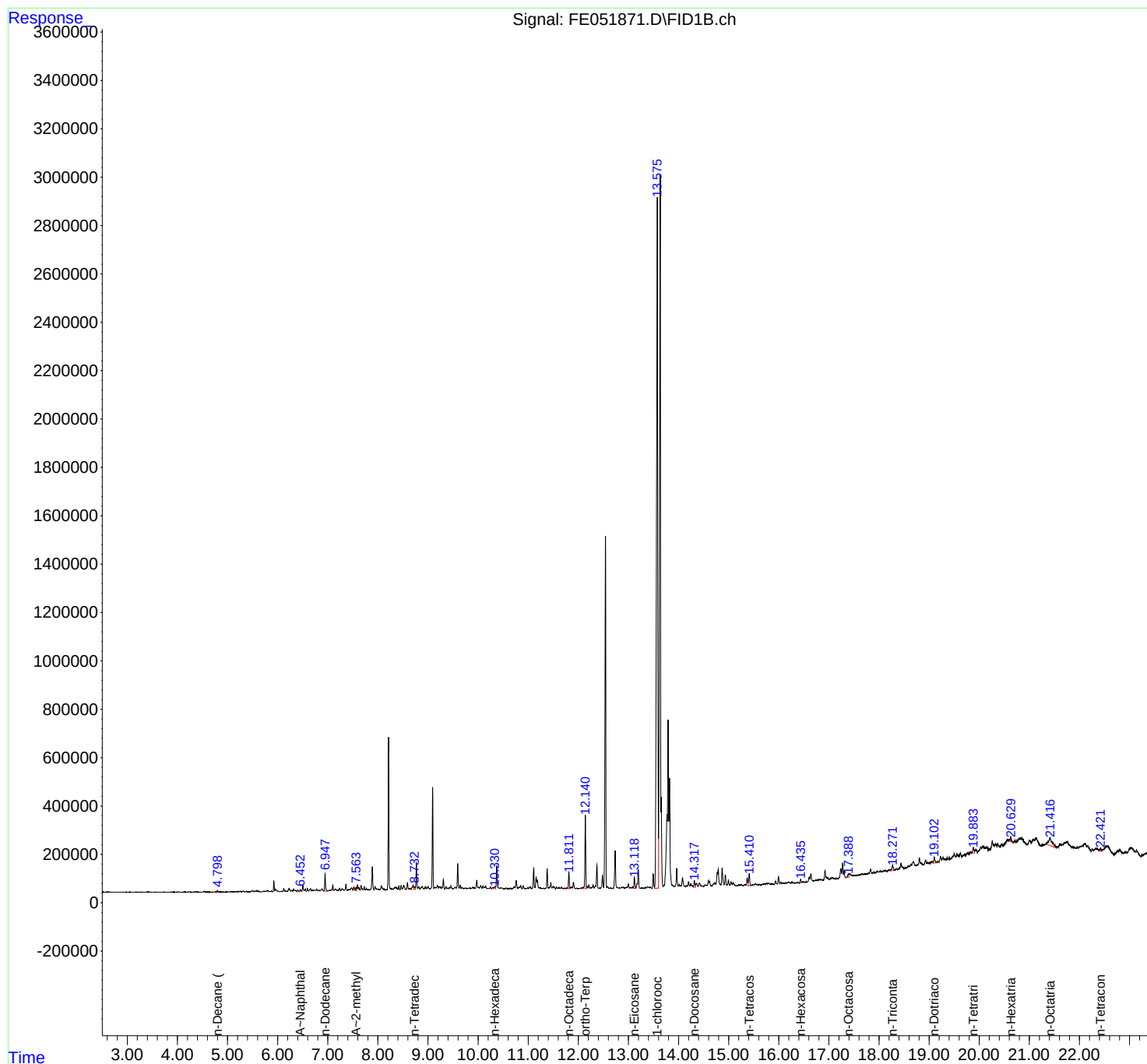
(m)=manual int.

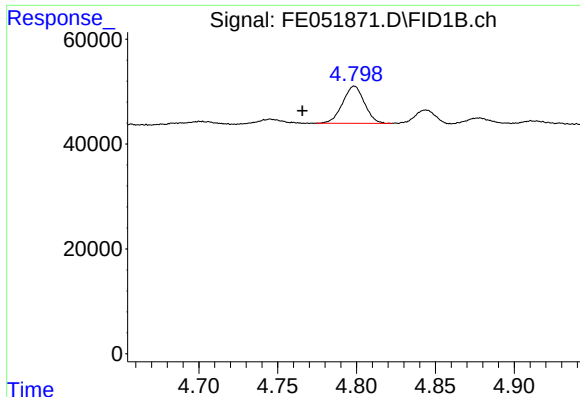
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010825AL\
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Signal Info : 20M x 0.18mm x 0.18um

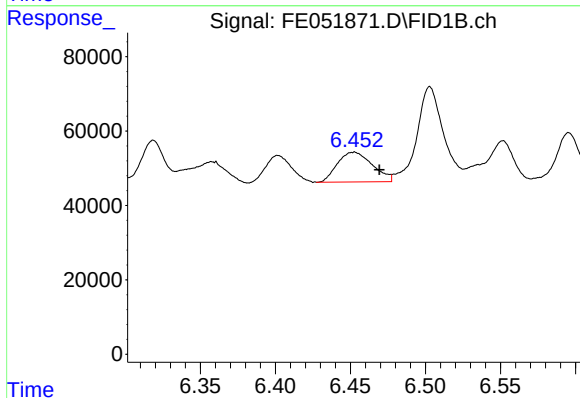




#2 n-Decane (C10)

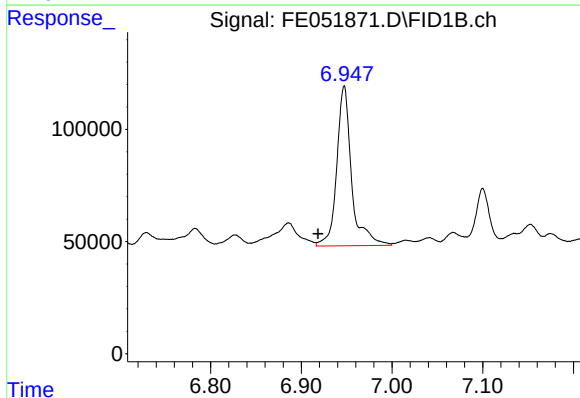
R.T.: 4.798 min
Delta R.T.: 0.033 min
Response: 67969
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



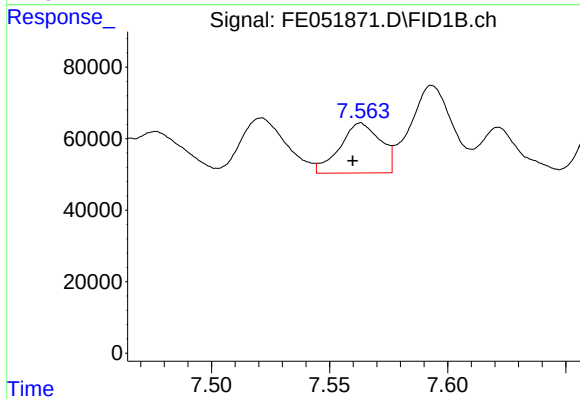
#3 A~Naphthalene (C11.7)

R.T.: 6.452 min
Delta R.T.: -0.017 min
Response: 130361
Conc: 1.02 ug/ml



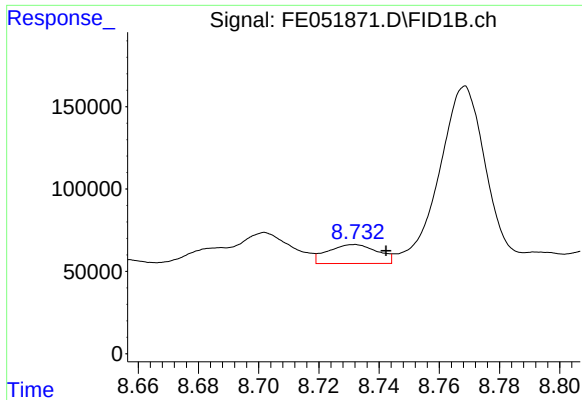
#4 n-Dodecane (C12)

R.T.: 6.947 min
Delta R.T.: 0.029 min
Response: 812426
Conc: 6.92 ug/ml



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

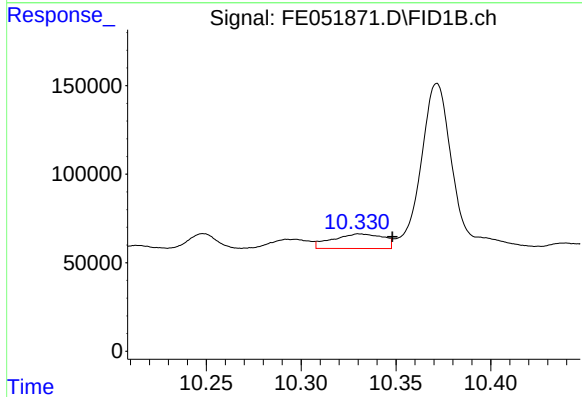
R.T.: 7.564 min
Delta R.T.: 0.004 min
Response: 166720
Conc: 1.33 ug/ml



#6 n-Tetradecane (C14)

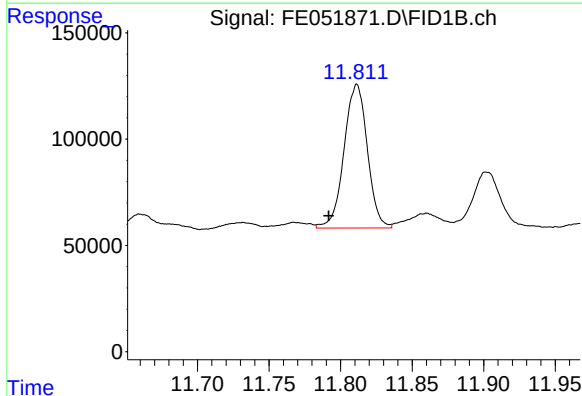
R.T.: 8.732 min
Delta R.T.: -0.011 min
Response: 130722
Conc: 1.09 ug/ml

Instrument :
FID_E
ClientSampleId :



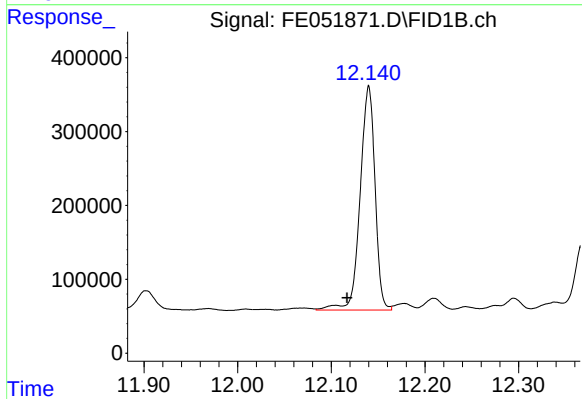
#7 n-Hexadecane (C16)

R.T.: 10.332 min
Delta R.T.: -0.017 min
Response: 153900
Conc: 1.20 ug/ml



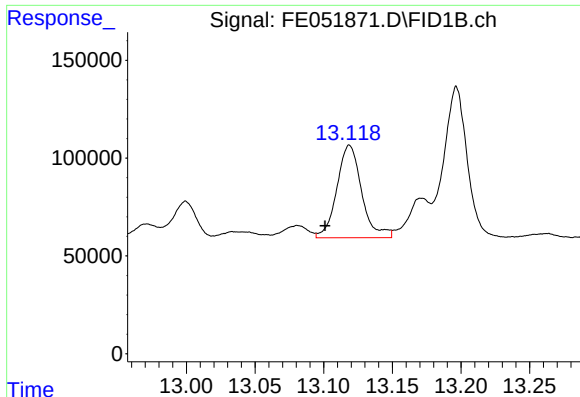
#8 n-Octadecane (C18)

R.T.: 11.811 min
Delta R.T.: 0.020 min
Response: 766322
Conc: 5.76 ug/ml



#9 ortho-Terphenyl (SURR)

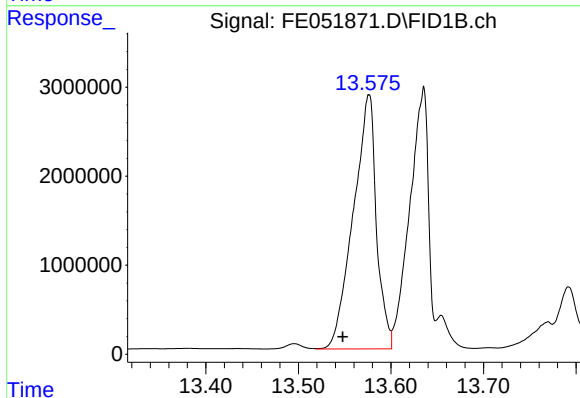
R.T.: 12.140 min
Delta R.T.: 0.023 min
Response: 3356068
Conc: 23.15 ug/ml



#10 n-Eicosane (C20)

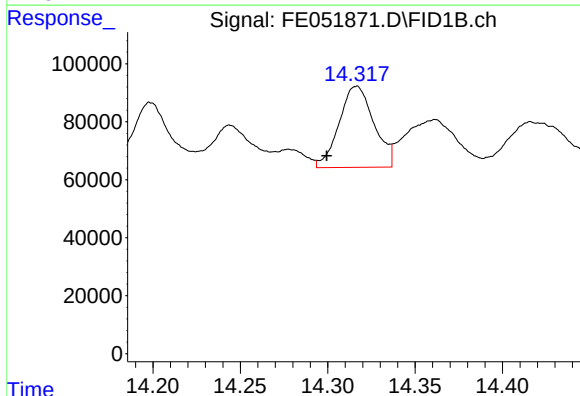
R.T.: 13.119 min
Delta R.T.: 0.018 min
Response: 594838
Conc: 4.52 ug/ml

Instrument :
FID_E
ClientSampleId :



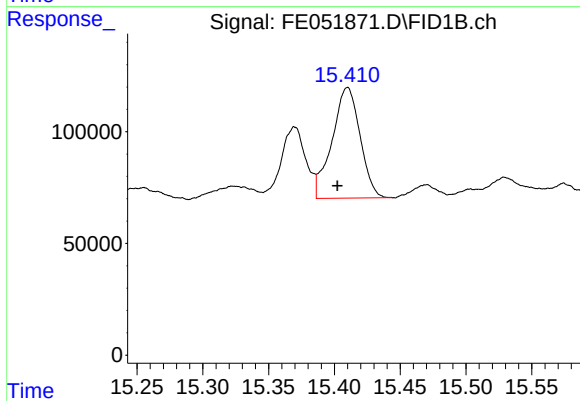
#12 1-chlorooctadecane (SURR)

R.T.: 13.576 min
Delta R.T.: 0.028 min
Response: 49588487
Conc: 431.54 ug/ml



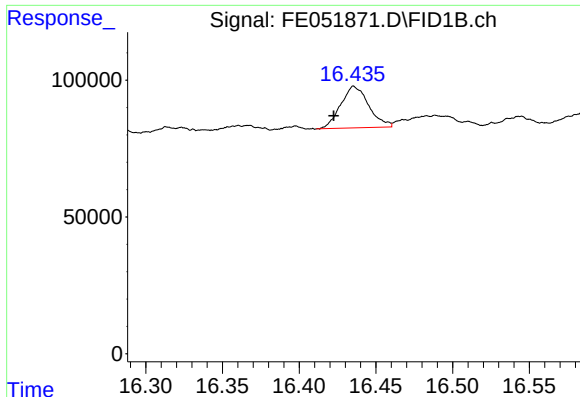
#13 n-Docosane (C22)

R.T.: 14.317 min
Delta R.T.: 0.017 min
Response: 388671
Conc: 2.96 ug/ml



#14 n-Tetracosane (C24)

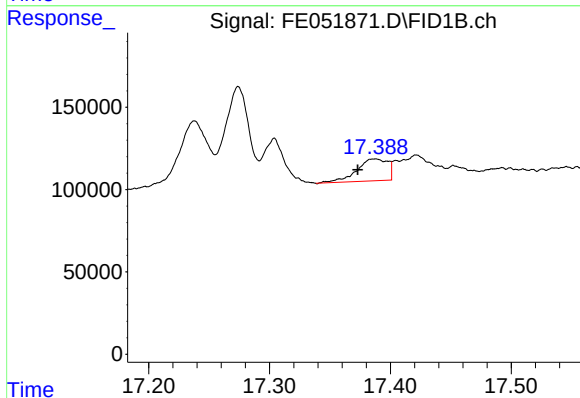
R.T.: 15.410 min
Delta R.T.: 0.008 min
Response: 734173
Conc: 5.54 ug/ml



#15 n-Hexacosane (C26)

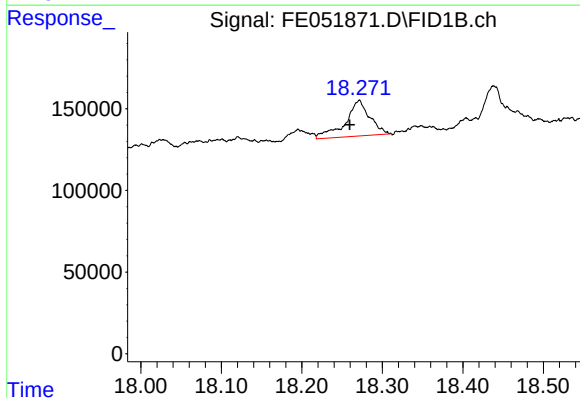
R.T.: 16.436 min
Delta R.T.: 0.014 min
Response: 192904
Conc: 1.47 ug/ml

Instrument :
FID_E
ClientSampleId :



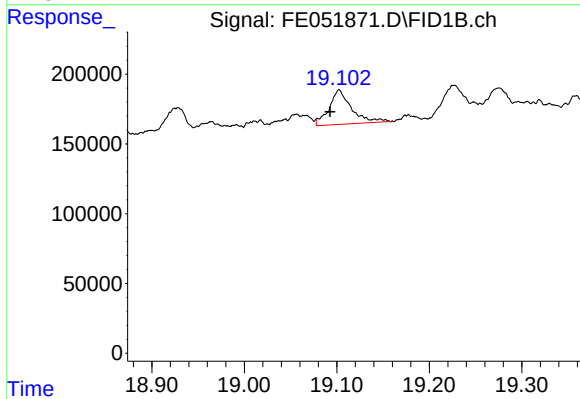
#16 n-Octacosane (C28)

R.T.: 17.387 min
Delta R.T.: 0.014 min
Response: 236735
Conc: 1.83 ug/ml



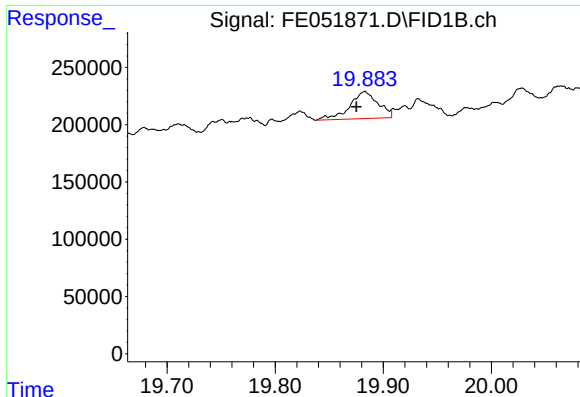
#17 n-Tricontane (C30)

R.T.: 18.271 min
Delta R.T.: 0.011 min
Response: 460919
Conc: 3.51 ug/ml



#18 n-Dotriacontane (C32)

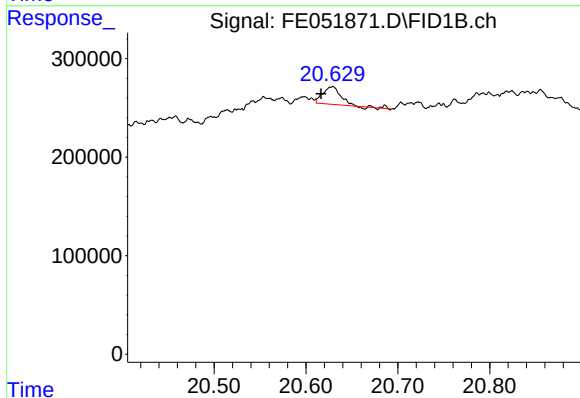
R.T.: 19.102 min
Delta R.T.: 0.010 min
Response: 414448
Conc: 3.27 ug/ml



#19 n-Tetratriacontane (C34)

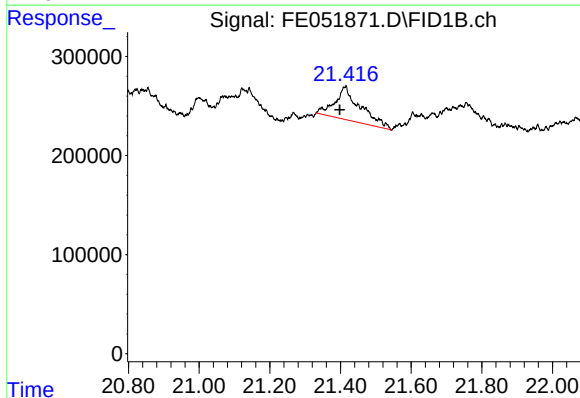
R.T.: 19.883 min
Delta R.T.: 0.008 min
Response: 430356
Conc: 3.87 ug/ml

Instrument :
FID_E
ClientSampleId :



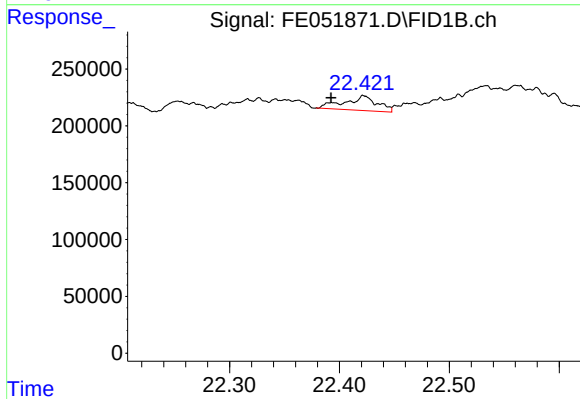
#20 n-Hexatriacontane (C36)

R.T.: 20.628 min
Delta R.T.: 0.012 min
Response: 244563
Conc: 2.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.413 min
Delta R.T.: 0.015 min
Response: 1669379
Conc: 17.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.423 min
Delta R.T.: 0.030 min
Response: 266947
Conc: 2.90 ug/ml