

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021323AL\
 Data File : FE040328.D
 Signal(s) : FID1B.ch
 Acq On : 13 Feb 2023 18:01
 Operator : YP\AJ
 Sample : 01528-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 14 00:50:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 2023
 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)	11.898	4581825	28.307 ug/ml
Spiked Amount 50.000		Recovery =	56.61%
12) S 1-chlorooctadecane (S...	13.337	3901155	31.455 ug/ml
Spiked Amount 50.000		Recovery =	62.91%
Target Compounds			
4) T n-Dodecane (C12)	6.703	59767	0.444 ug/ml
5) T A~2-methylnaphthalene...	7.340	175423	1.296 ug/ml
6) T n-Tetradecane (C14)	8.528	195882	1.421 ug/ml
7) T n-Hexadecane (C16)	10.135	262055	1.826 ug/ml
8) T n-Octadecane (C18)	11.580	251862	1.693 ug/ml
10) T n-Eicosane (C20)	12.889	370415	2.520 ug/ml
11) T n-Heneicosane (C21)	13.505	347878	2.359 ug/ml
13) T n-Docosane (C22)	14.089	233081	1.573 ug/ml
14) T n-Tetracosane (C24)	15.180	858189	5.653 ug/ml
15) T n-Hexacosane (C26)	16.218	198592	1.340 ug/ml
16) T n-Octacosane (C28)	17.139	74324	0.496 ug/ml
17) T n-Tricontane (C30)	18.060	484763	3.285 ug/ml
18) T n-Dotriacontane (C32)	18.884	560261	3.825 ug/ml
19) T n-Tetratriacontane (C34)	19.685	354409	2.577 ug/ml
20) T n-Hexatriacontane (C36)	20.403	67173	0.506 ug/ml
21) T n-Octatriacontane (C38)	21.125	8663	0.067 ug/ml
22) T n-Tetracontane (C40)	22.033	221852	1.671 ug/ml

(f)=RT Delta > 1/2 Window

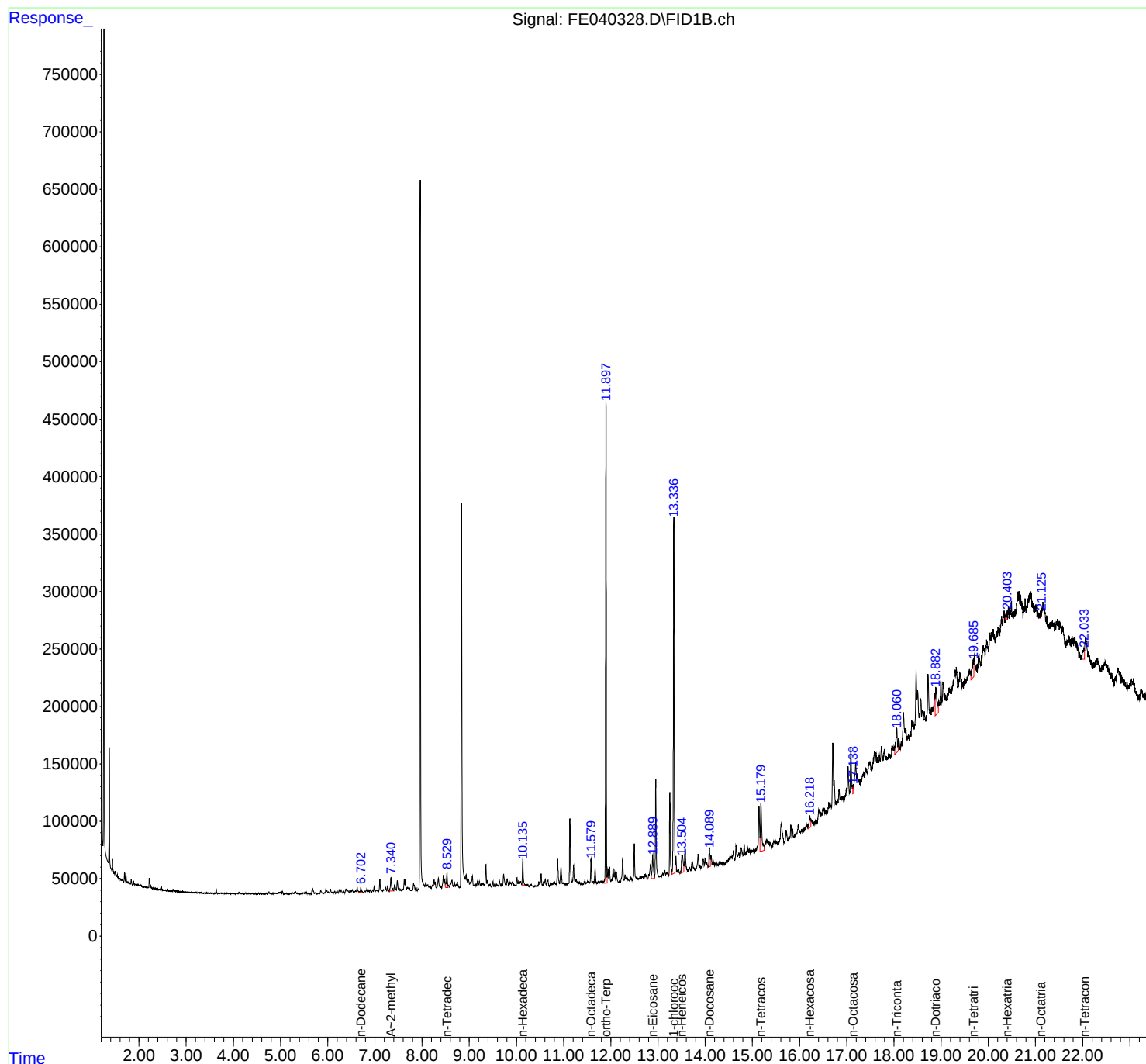
(m)=manual int.

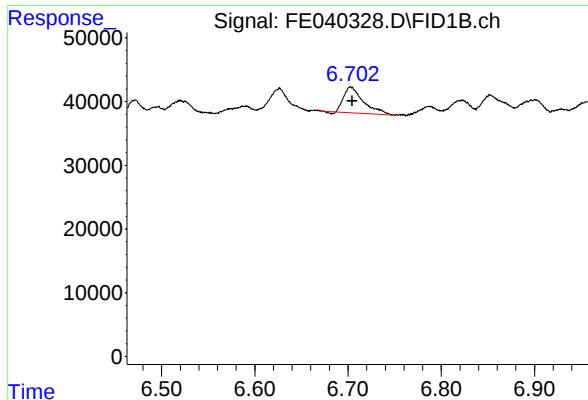
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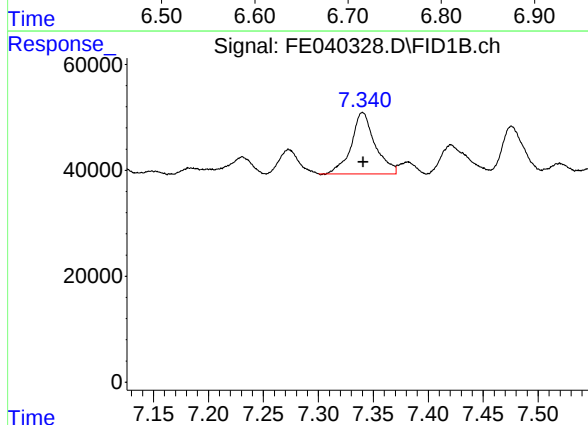




#4 n-Dodecane (C12)

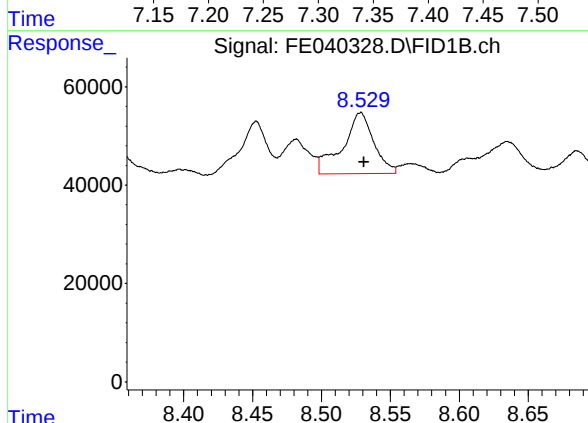
R.T.: 6.703 min
Delta R.T.: -0.002 min
Response: 59767
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :



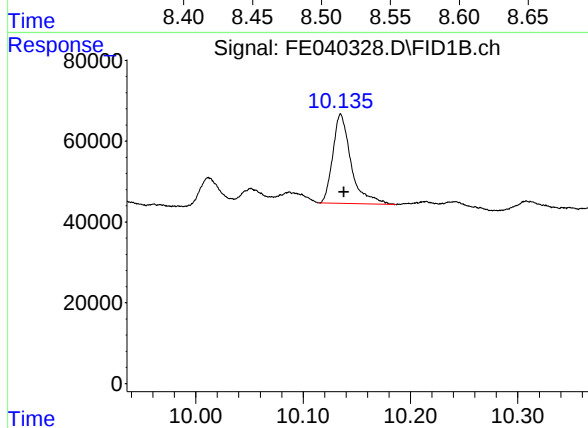
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 175423
Conc: 1.30 ug/ml



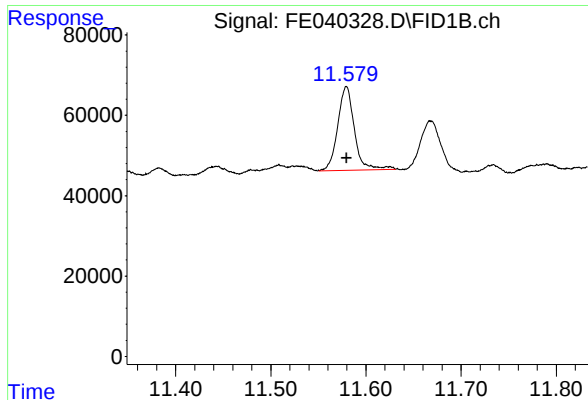
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.002 min
Response: 195882
Conc: 1.42 ug/ml



#7 n-Hexadecane (C16)

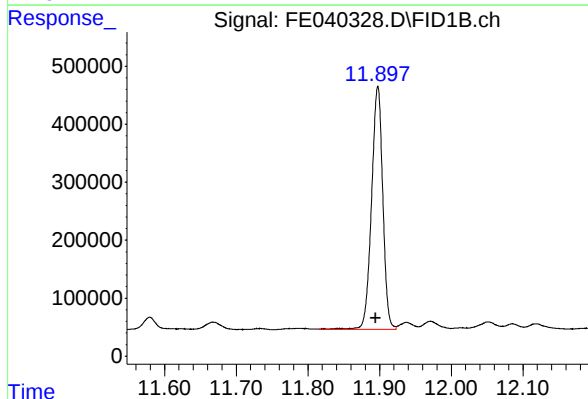
R.T.: 10.135 min
Delta R.T.: -0.003 min
Response: 262055
Conc: 1.83 ug/ml



#8 n-Octadecane (C18)

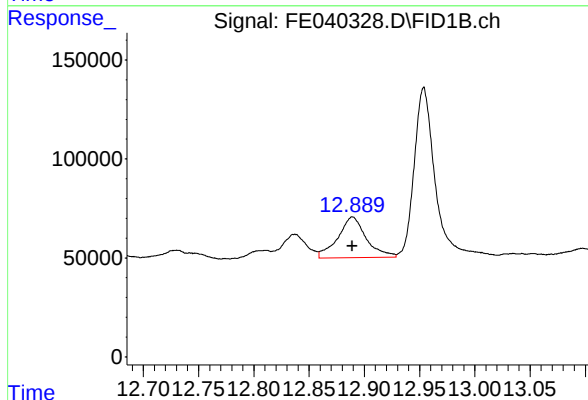
R.T.: 11.580 min
Delta R.T.: 0.000 min
Response: 251862
Conc: 1.69 ug/ml

Instrument :
FID_E
ClientSampleId :



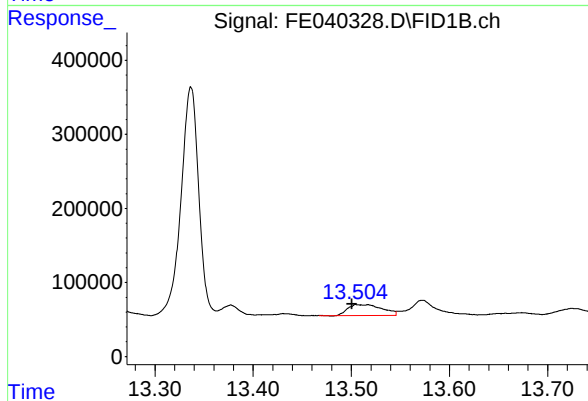
#9 ortho-Terphenyl (SURR)

R.T.: 11.898 min
Delta R.T.: 0.003 min
Response: 4581825
Conc: 28.31 ug/ml



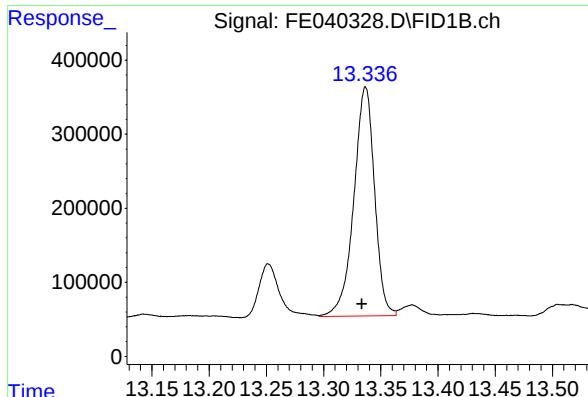
#10 n-Eicosane (C20)

R.T.: 12.889 min
Delta R.T.: 0.000 min
Response: 370415
Conc: 2.52 ug/ml



#11 n-Heneicosane (C21)

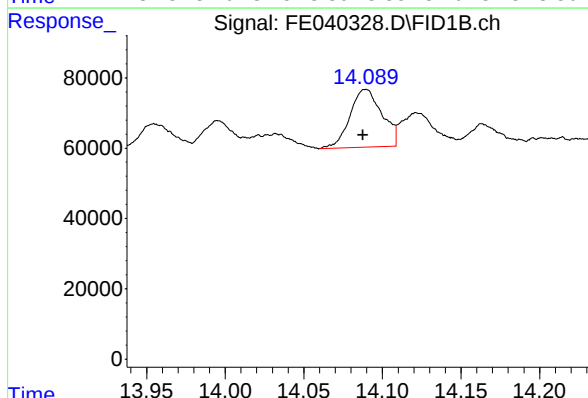
R.T.: 13.505 min
Delta R.T.: 0.004 min
Response: 347878
Conc: 2.36 ug/ml



#12 1-chlorooctadecane (SURR)

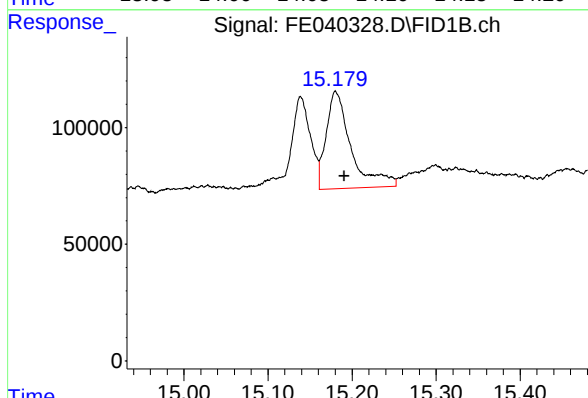
R.T.: 13.337 min
Delta R.T.: 0.003 min
Response: 3901155
Conc: 31.46 ug/ml

Instrument :
FID_E
ClientSampleId :



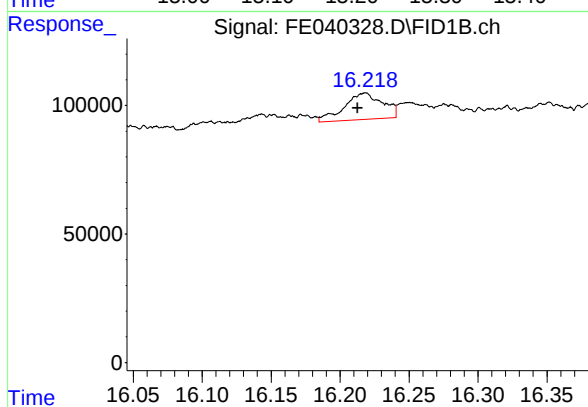
#13 n-Docosane (C22)

R.T.: 14.089 min
Delta R.T.: 0.002 min
Response: 233081
Conc: 1.57 ug/ml



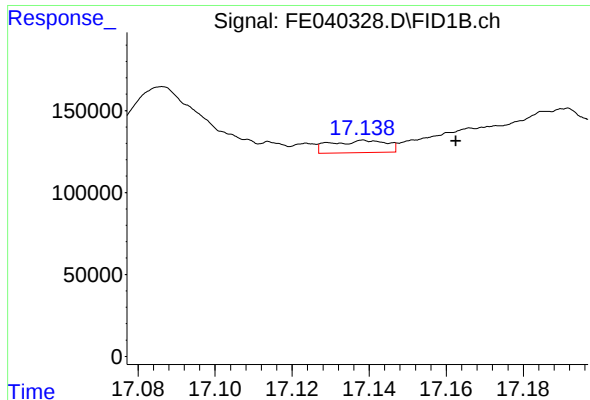
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.010 min
Response: 858189
Conc: 5.65 ug/ml



#15 n-Hexacosane (C26)

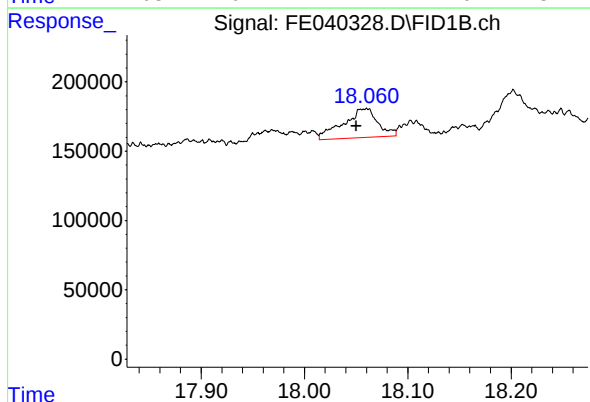
R.T.: 16.218 min
Delta R.T.: 0.006 min
Response: 198592
Conc: 1.34 ug/ml



#16 n-Octacosane (C28)

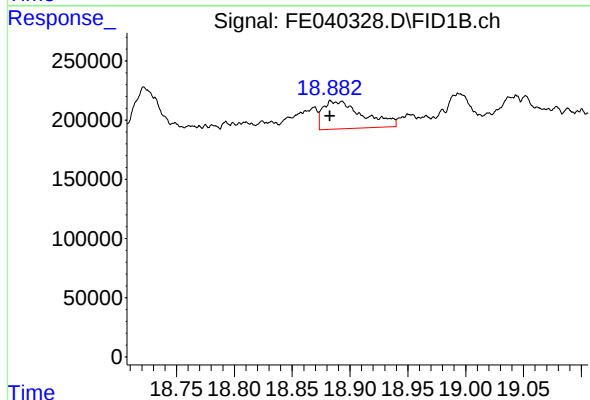
R.T.: 17.139 min
Delta R.T.: -0.024 min
Response: 74324
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



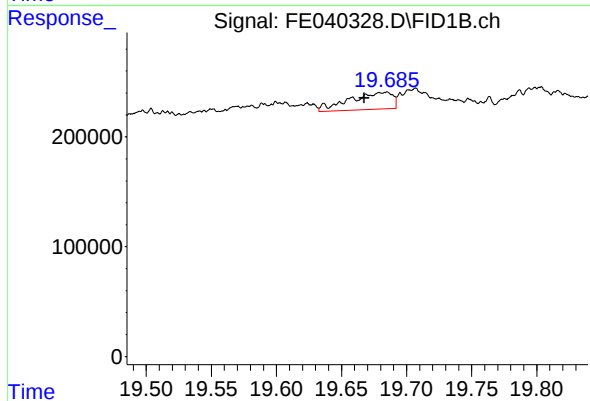
#17 n-Tricontane (C30)

R.T.: 18.060 min
Delta R.T.: 0.010 min
Response: 484763
Conc: 3.29 ug/ml



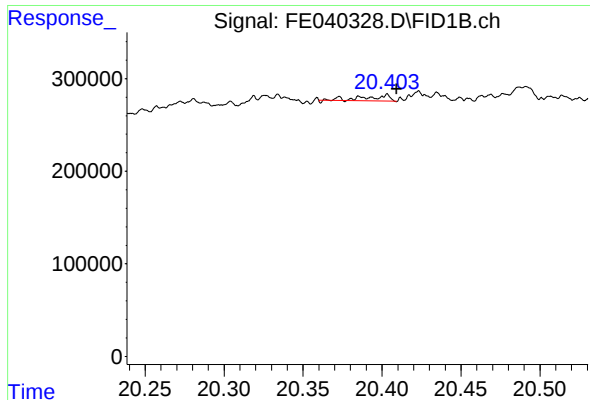
#18 n-Dotriacontane (C32)

R.T.: 18.884 min
Delta R.T.: 0.001 min
Response: 560261
Conc: 3.83 ug/ml



#19 n-Tetratriacontane (C34)

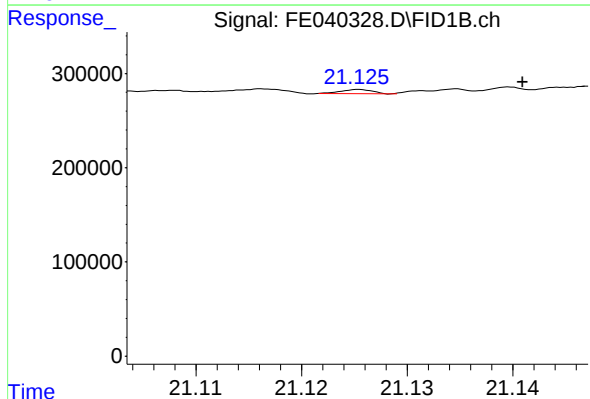
R.T.: 19.685 min
Delta R.T.: 0.017 min
Response: 354409
Conc: 2.58 ug/ml



#20 n-Hexatriacontane (C36)

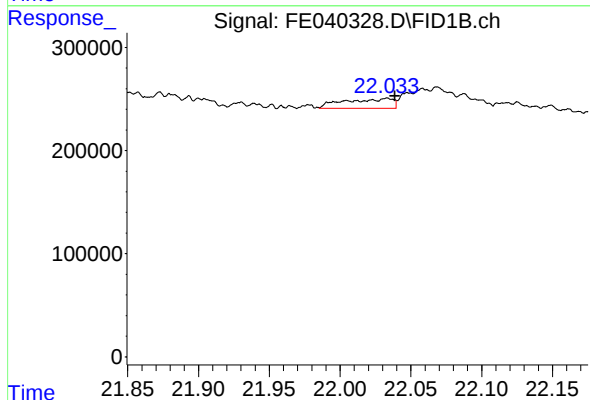
R.T.: 20.403 min
Delta R.T.: -0.006 min
Response: 67173
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: -0.015 min
Response: 8663
Conc: 0.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.033 min
Delta R.T.: -0.006 min
Response: 221852
Conc: 1.67 ug/ml