

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040027.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 7:16
 Operator : AJ\MA
 Sample : M5124-01
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 19 23:52:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.757	6590011	41.978 ug/ml
Spiked Amount 50.000		Recovery =	83.96%
12) S 1-chlorooctadecane (S...	12.191	5196361	42.078 ug/ml
Spiked Amount 50.000		Recovery =	84.16%
Target Compounds			
1) T n-Nonane (C9)	2.734f	1952	0.014 ug/ml
2) T n-Decane (C10)	3.658	8560	0.060 ug/ml
3) T A~Naphthalene (C11.7)	5.204	33220	0.207 ug/ml
4) T n-Dodecane (C12)	5.673	1640	0.011 ug/ml
5) T A~2-methylnaphthalene...	6.248	13272	0.082 ug/ml
6) T n-Tetradecane (C14)	7.418	52394	0.364 ug/ml
7) T n-Hexadecane (C16)	9.008	25809	0.177 ug/ml
8) T n-Octadecane (C18)	10.466	29241	0.197 ug/ml
10) T n-Eicosane (C20)	11.782	168662	1.153 ug/ml
11) T n-Heneicosane (C21)	12.375	46366	0.316 ug/ml
13) T n-Docosane (C22)	12.978	22681	0.155 ug/ml
14) T n-Tetracosane (C24)	14.041	14558	0.100 ug/ml
15) T n-Hexacosane (C26)	15.054	25657	0.183 ug/ml
16) T n-Octacosane (C28)	16.007	37836	0.279 ug/ml
17) T n-Tricontane (C30)	16.873	124489	0.953 ug/ml
18) T n-Dotriacontane (C32)	17.766	16694	0.134 ug/ml
19) T n-Tetratriacontane (C34)	18.504	51935	0.430 ug/ml
20) T n-Hexatriacontane (C36)	19.239	354273	3.081 ug/ml
21) T n-Octatriacontane (C38)	19.981	380766	3.411 ug/ml
22) T n-Tetracontane (C40)	20.868	4181	0.037 ug/ml

(f)=RT Delta > 1/2 Window

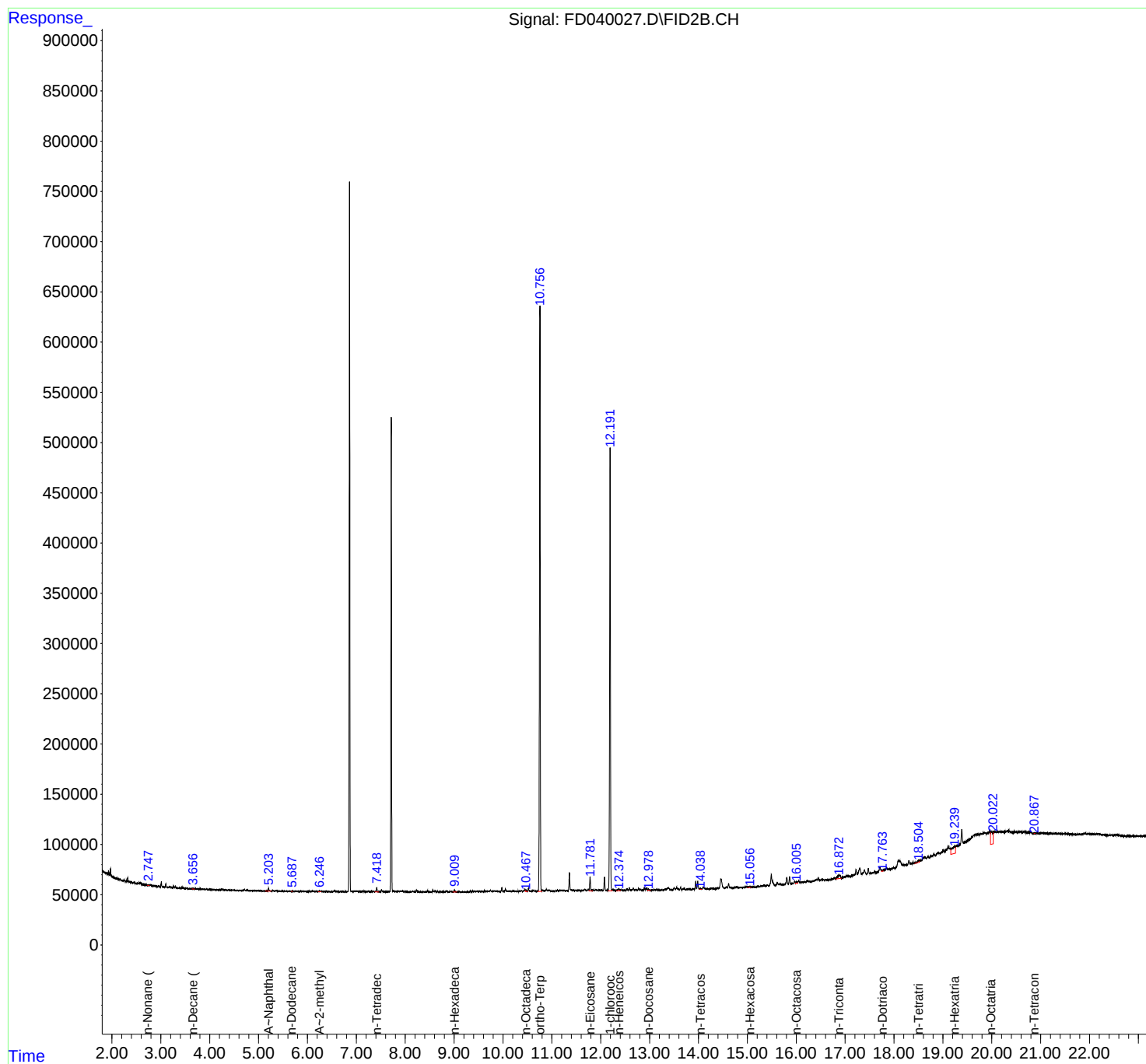
(m)=manual int.

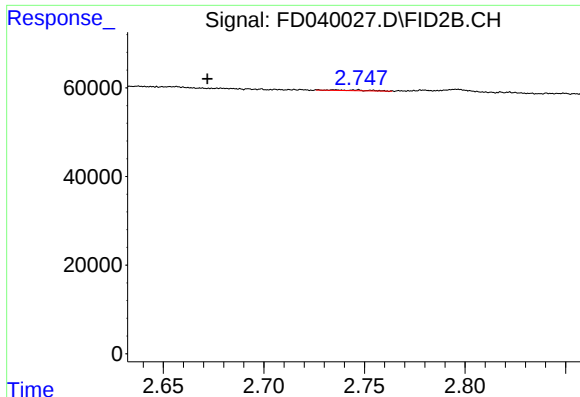
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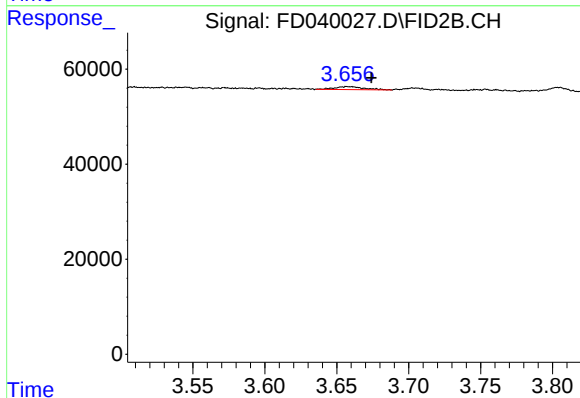




#1 n-Nonane (C9)

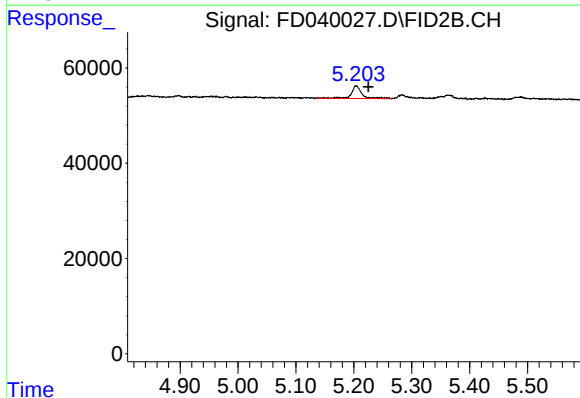
R.T.: 2.734 min
Delta R.T.: 0.062 min
Response: 1952
Conc: 0.01 ug/ml

Instrument :
FID_D
ClientSampleId :



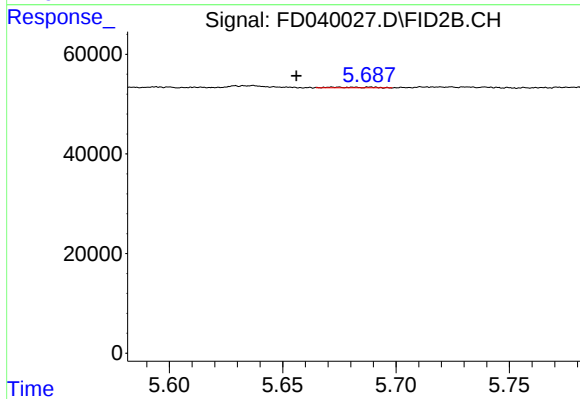
#2 n-Decane (C10)

R.T.: 3.658 min
Delta R.T.: -0.016 min
Response: 8560
Conc: 0.06 ug/ml



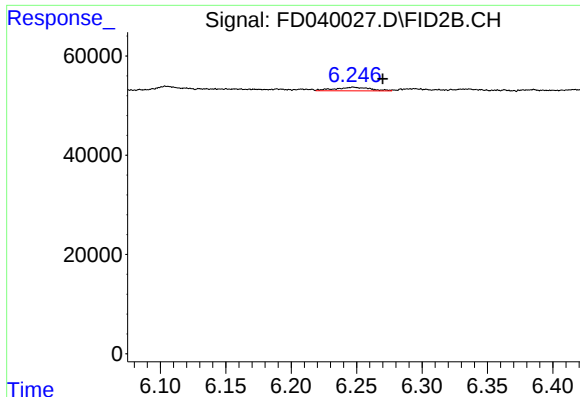
#3 A~Naphthalene (C11.7)

R.T.: 5.204 min
Delta R.T.: -0.021 min
Response: 33220
Conc: 0.21 ug/ml



#4 n-Dodecane (C12)

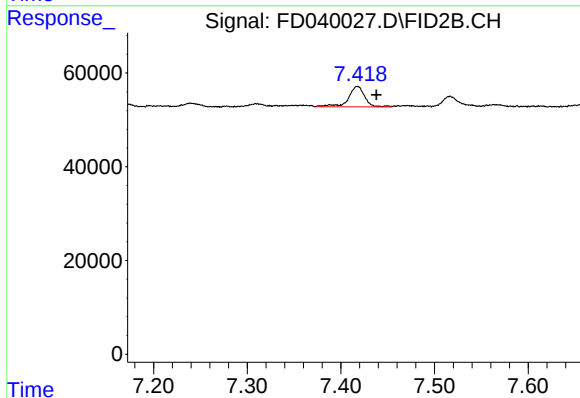
R.T.: 5.673 min
Delta R.T.: 0.017 min
Response: 1640
Conc: 0.01 ug/ml



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

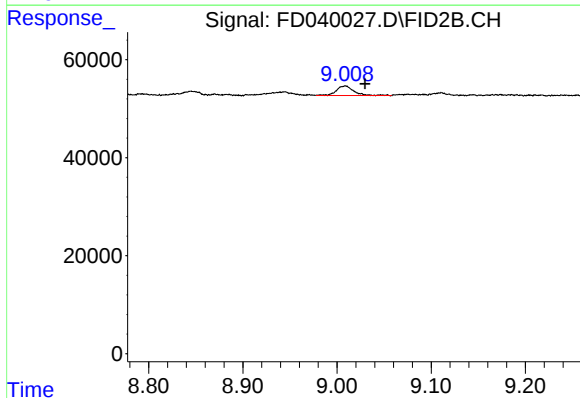
R.T.: 6.248 min
Delta R.T.: -0.022 min
Response: 13272
Conc: 0.08 ug/ml

Instrument :
FID_D
ClientSampleId :



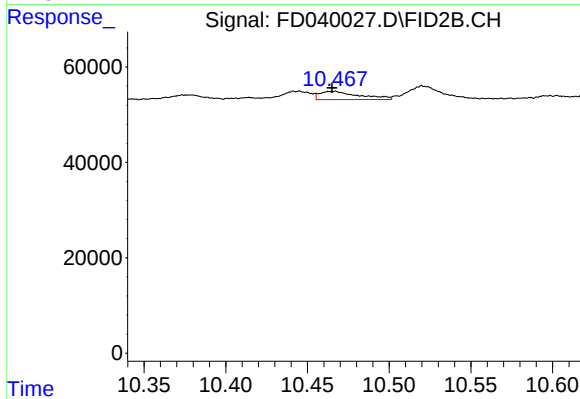
#6 n-Tetradecane (C14)

R.T.: 7.418 min
Delta R.T.: -0.020 min
Response: 52394
Conc: 0.36 ug/ml



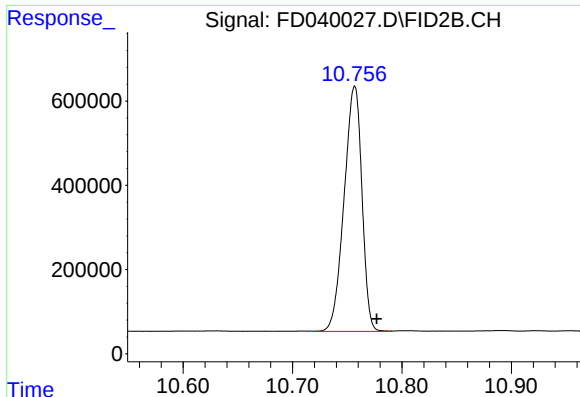
#7 n-Hexadecane (C16)

R.T.: 9.008 min
Delta R.T.: -0.022 min
Response: 25809
Conc: 0.18 ug/ml



#8 n-Octadecane (C18)

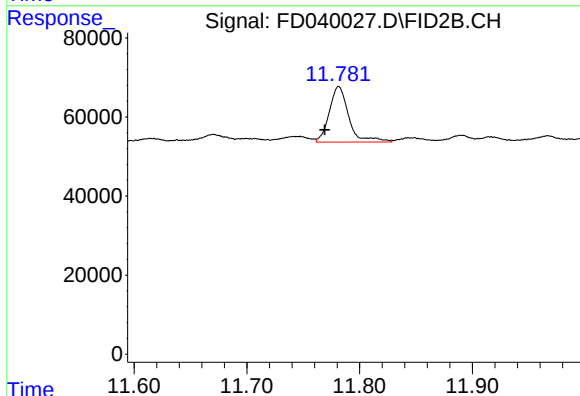
R.T.: 10.466 min
Delta R.T.: 0.000 min
Response: 29241
Conc: 0.20 ug/ml



#9 ortho-Terphenyl (SURR)

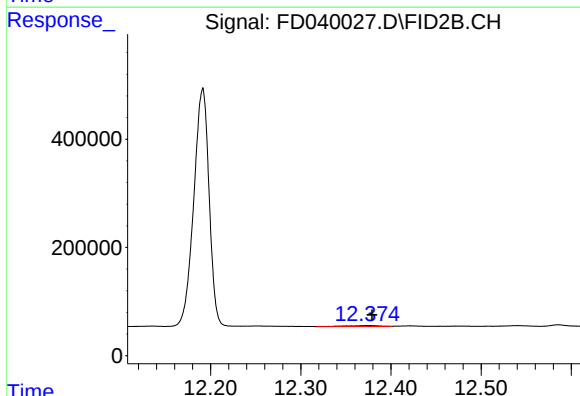
R.T.: 10.757 min
Delta R.T.: -0.020 min
Response: 6590011
Conc: 41.98 ug/ml

Instrument :
FID_D
ClientSampleId :



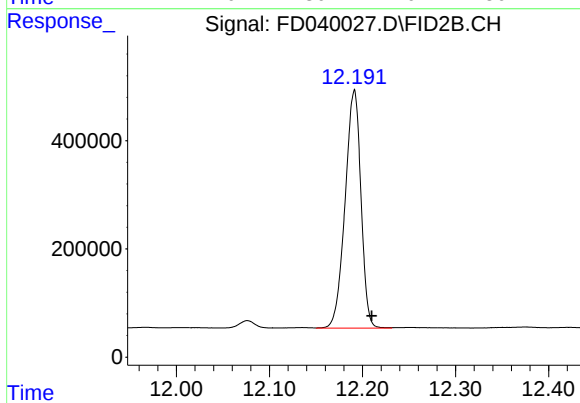
#10 n-Eicosane (C20)

R.T.: 11.782 min
Delta R.T.: 0.013 min
Response: 168662
Conc: 1.15 ug/ml



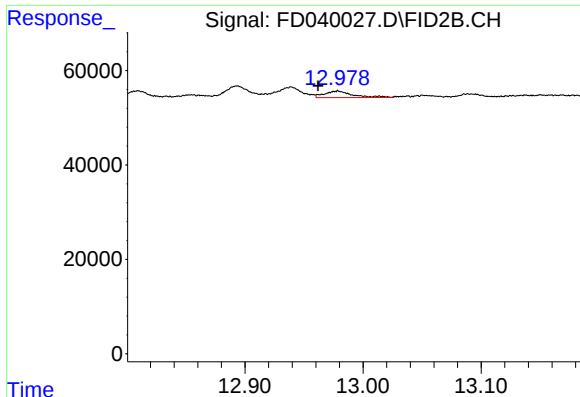
#11 n-Heneicosane (C21)

R.T.: 12.375 min
Delta R.T.: -0.004 min
Response: 46366
Conc: 0.32 ug/ml



#12 1-chlorooctadecane (SURR)

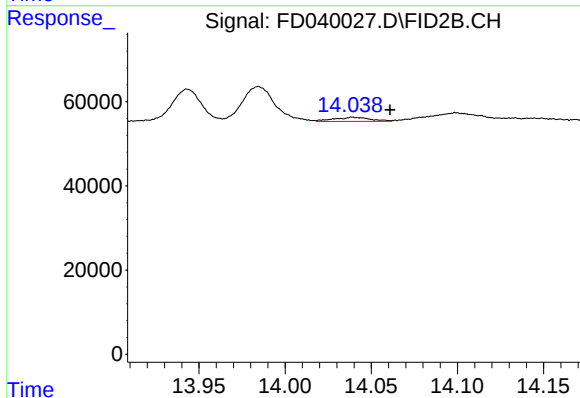
R.T.: 12.191 min
Delta R.T.: -0.019 min
Response: 5196361
Conc: 42.08 ug/ml



#13 n-Docosane (C22)

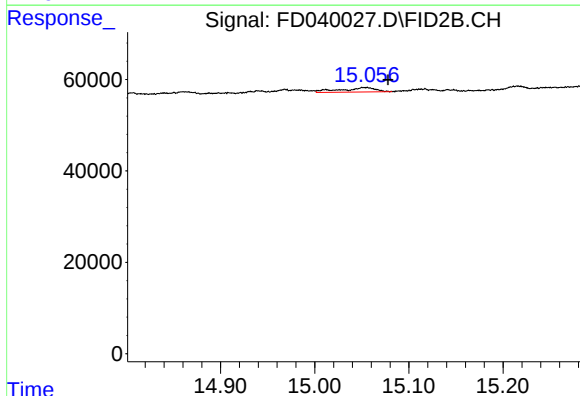
R.T.: 12.978 min
Delta R.T.: 0.016 min
Response: 22681
Conc: 0.16 ug/ml

Instrument :
FID_D
ClientSampleId :



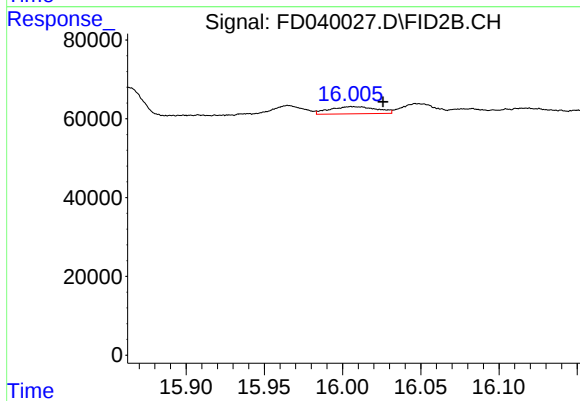
#14 n-Tetracosane (C24)

R.T.: 14.041 min
Delta R.T.: -0.021 min
Response: 14558
Conc: 0.10 ug/ml



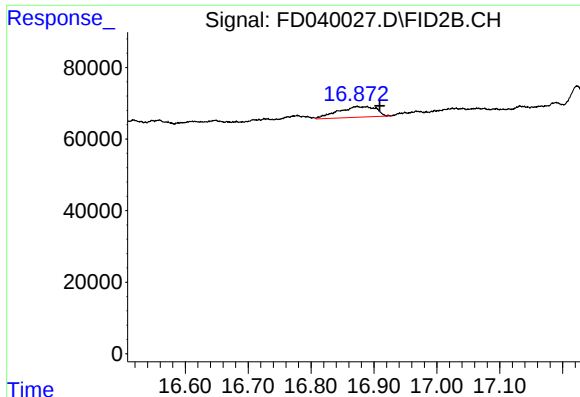
#15 n-Hexacosane (C26)

R.T.: 15.054 min
Delta R.T.: -0.024 min
Response: 25657
Conc: 0.18 ug/ml



#16 n-Octacosane (C28)

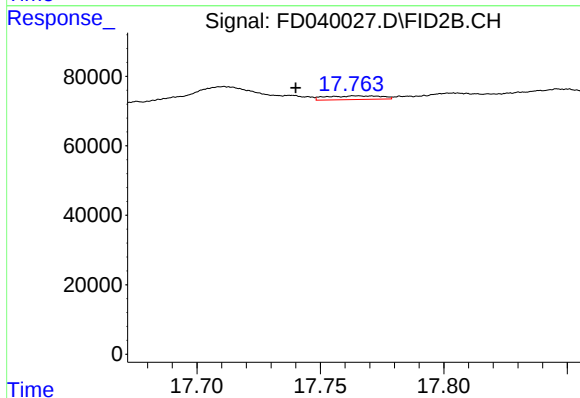
R.T.: 16.007 min
Delta R.T.: -0.019 min
Response: 37836
Conc: 0.28 ug/ml



#17 n-Tricontane (C30)

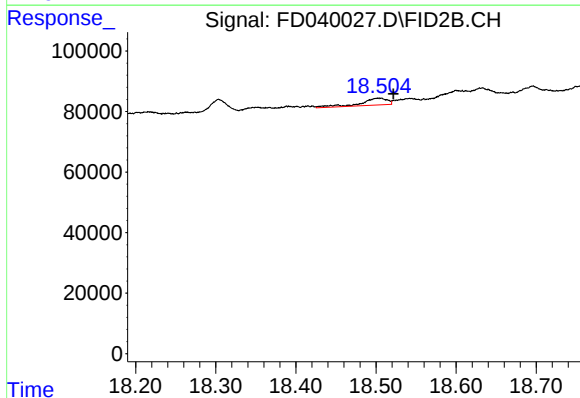
R.T.: 16.873 min
Delta R.T.: -0.036 min
Response: 124489
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



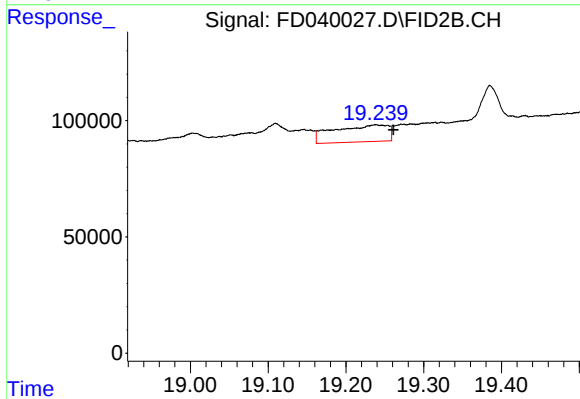
#18 n-Dotriacontane (C32)

R.T.: 17.766 min
Delta R.T.: 0.026 min
Response: 16694
Conc: 0.13 ug/ml



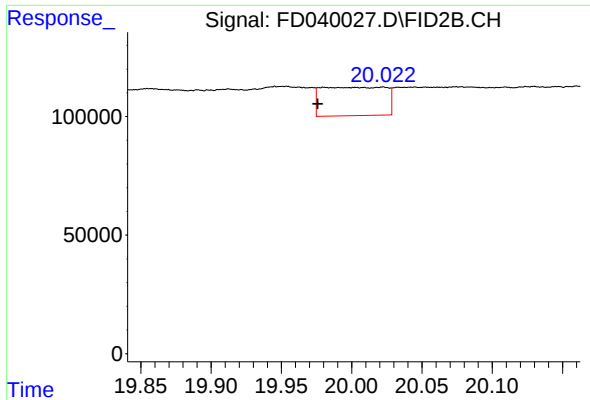
#19 n-Tetratriacontane (C34)

R.T.: 18.504 min
Delta R.T.: -0.018 min
Response: 51935
Conc: 0.43 ug/ml



#20 n-Hexatriacontane (C36)

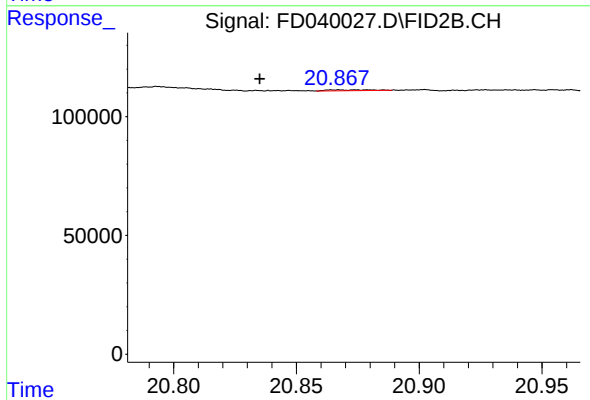
R.T.: 19.239 min
Delta R.T.: -0.022 min
Response: 354273
Conc: 3.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.981 min
Delta R.T.: 0.005 min
Response: 380766
Conc: 3.41 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.868 min
Delta R.T.: 0.033 min
Response: 4181
Conc: 0.04 ug/ml