

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040017.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 1:43
 Operator : AJ\MA
 Sample : M5116-05
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 05:50:03 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)	10.758	5332578	33.968 ug/ml
Spiked Amount 50.000		Recovery =	67.94%
12) S 1-chlorooctadecane (S...	12.193	4045393	32.758 ug/ml
Spiked Amount 50.000		Recovery =	65.52%
Target Compounds			
1) T n-Nonane (C9)	2.646	20810	0.148 ug/ml
2) T n-Decane (C10)	3.735f	6294	0.044 ug/ml
3) T A~Naphthalene (C11.7)	5.164f	14355	0.089 ug/ml
4) T n-Dodecane (C12)	5.635	13431	0.094 ug/ml
5) T A~2-methylnaphthalene...	6.236	14559	0.090 ug/ml
6) T n-Tetradecane (C14)	7.420	70462	0.489 ug/ml
7) T n-Hexadecane (C16)	9.012	30762	0.211 ug/ml
8) T n-Octadecane (C18)	10.468	41998	0.282 ug/ml
10) T n-Eicosane (C20)	11.785	60418	0.413 ug/ml
11) T n-Heneicosane (C21)	12.369	45878	0.312 ug/ml
13) T n-Docosane (C22)	12.943	52202	0.357 ug/ml
14) T n-Tetracosane (C24)	14.042	15955	0.110 ug/ml
15) T n-Hexacosane (C26)	15.059	21414	0.153 ug/ml
16) T n-Octacosane (C28)	16.004	71746	0.529 ug/ml
17) T n-Tricontane (C30)	16.889	123909	0.948 ug/ml
18) T n-Dotriacontane (C32)	17.712	221230	1.778 ug/ml
19) T n-Tetratriacontane (C34)	18.542	168155	1.392 ug/ml
20) T n-Hexatriacontane (C36)	19.246	303705	2.641 ug/ml
21) T n-Octatriacontane (C38)	19.955	874316	7.833 ug/ml
22) T n-Tetracontane (C40)	20.800	54612	0.479 ug/ml

(f)=RT Delta > 1/2 Window

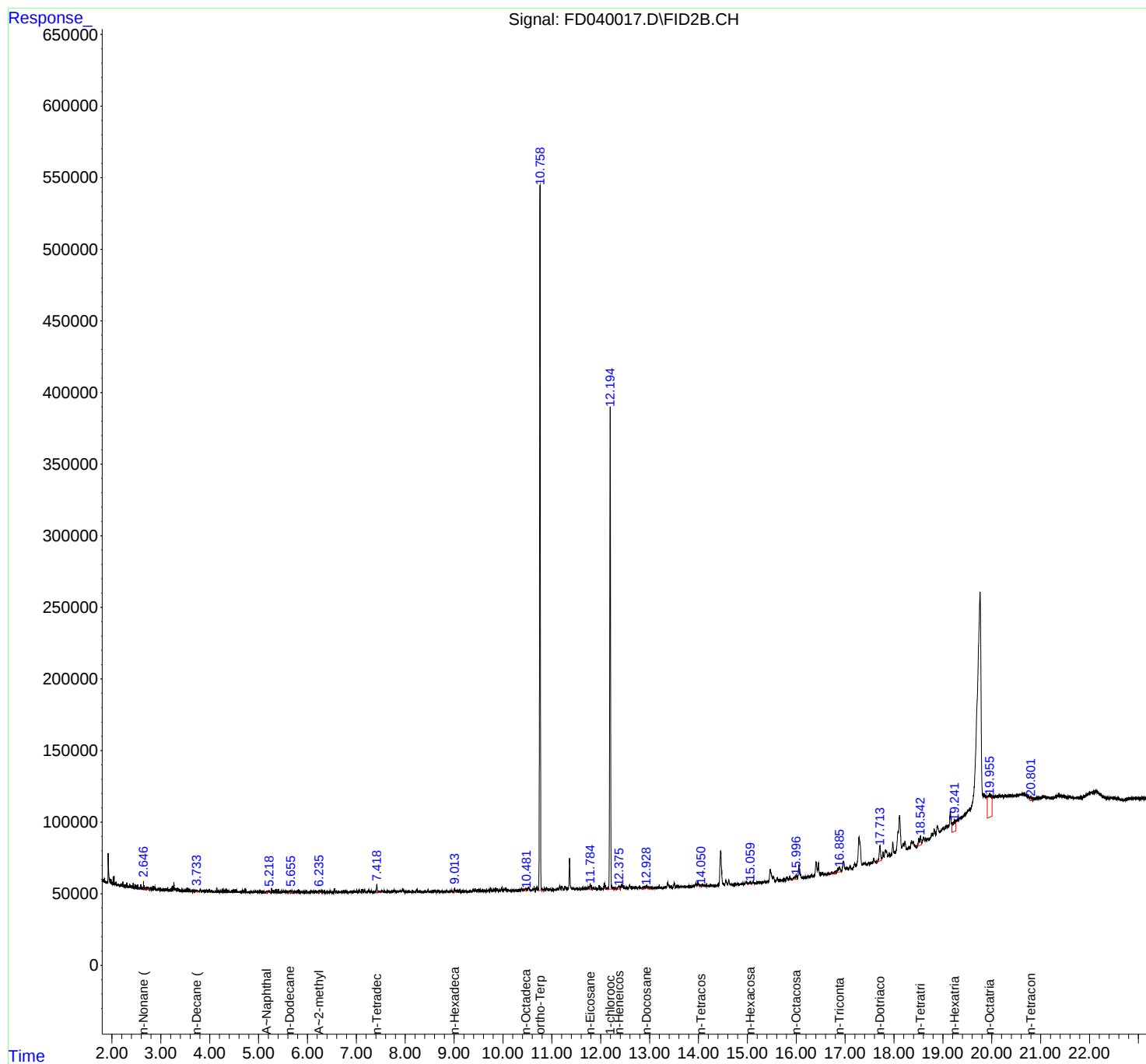
(m)=manual int.

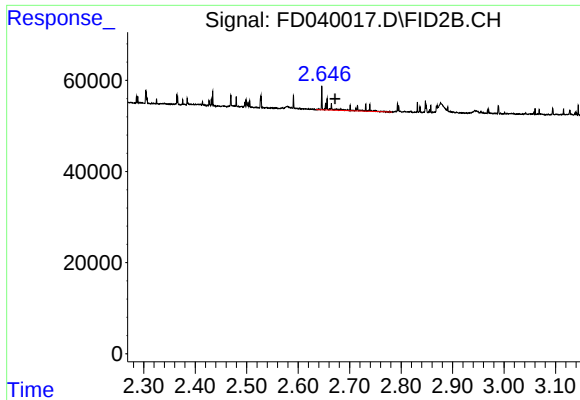
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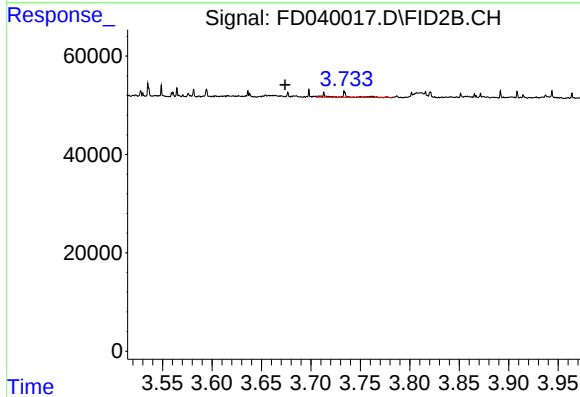




#1 n-Nonane (C9)

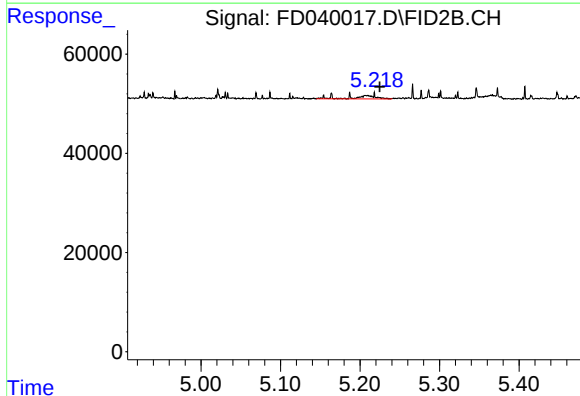
R.T.: 2.646 min
Delta R.T.: -0.026 min
Response: 20810
Conc: 0.15 ug/ml

Instrument :
FID_D
ClientSampleId :



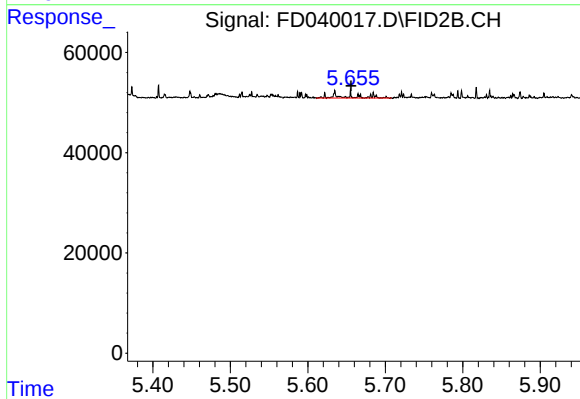
#2 n-Decane (C10)

R.T.: 3.735 min
Delta R.T.: 0.061 min
Response: 6294
Conc: 0.04 ug/ml



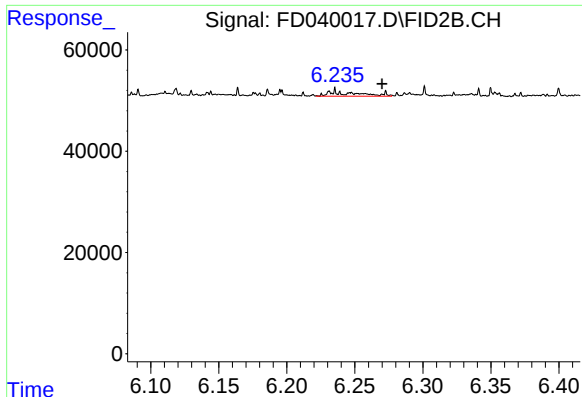
#3 A~Naphthalene (C11.7)

R.T.: 5.164 min
Delta R.T.: -0.061 min
Response: 14355
Conc: 0.09 ug/ml



#4 n-Dodecane (C12)

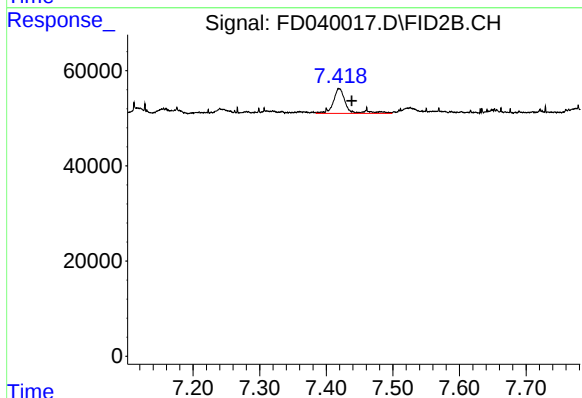
R.T.: 5.635 min
Delta R.T.: -0.021 min
Response: 13431
Conc: 0.09 ug/ml



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

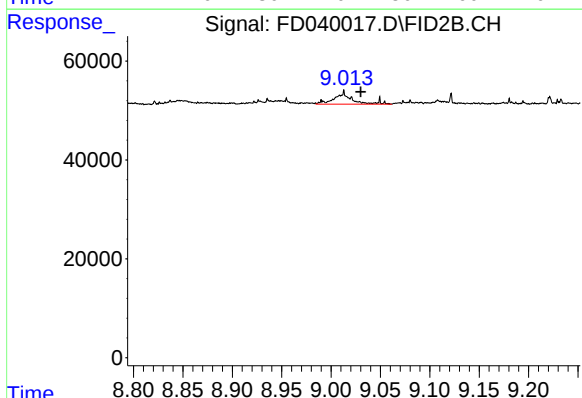
R.T.: 6.236 min
Delta R.T.: -0.034 min
Response: 14559
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



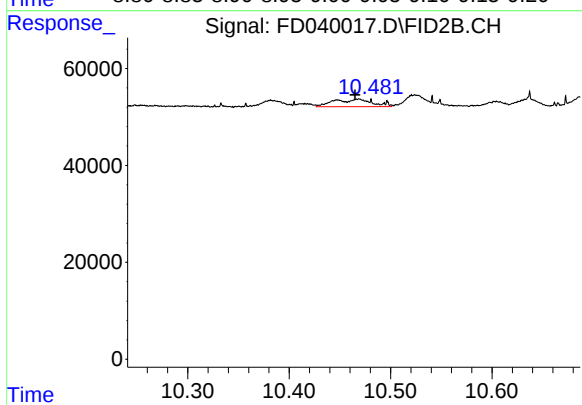
#6 n-Tetradecane (C14)

R.T.: 7.420 min
Delta R.T.: -0.018 min
Response: 70462
Conc: 0.49 ug/ml



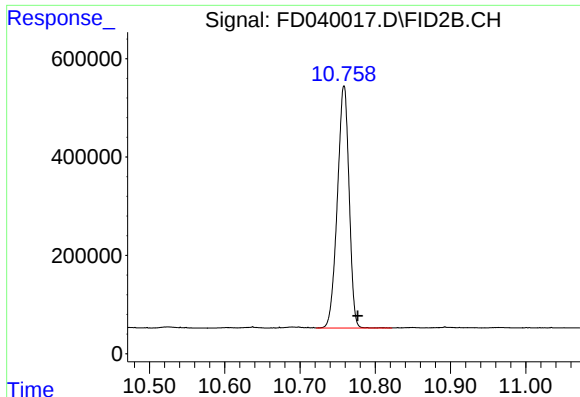
#7 n-Hexadecane (C16)

R.T.: 9.012 min
Delta R.T.: -0.018 min
Response: 30762
Conc: 0.21 ug/ml



#8 n-Octadecane (C18)

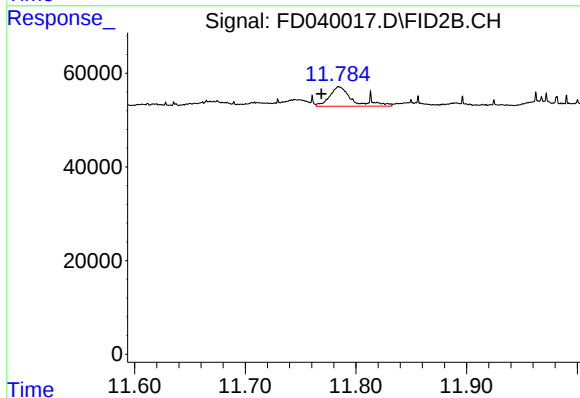
R.T.: 10.468 min
Delta R.T.: 0.003 min
Response: 41998
Conc: 0.28 ug/ml



#9 ortho-Terphenyl (SURR)

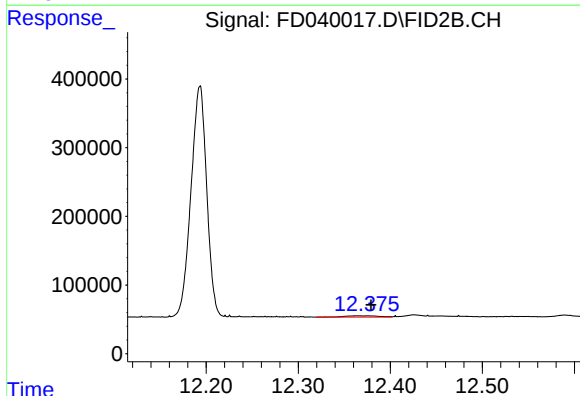
R.T.: 10.758 min
Delta R.T.: -0.019 min
Response: 5332578
Conc: 33.97 ug/ml

Instrument :
FID_D
ClientSampleId :



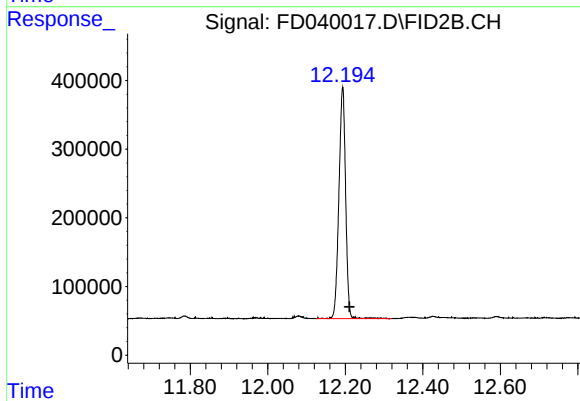
#10 n-Eicosane (C20)

R.T.: 11.785 min
Delta R.T.: 0.016 min
Response: 60418
Conc: 0.41 ug/ml



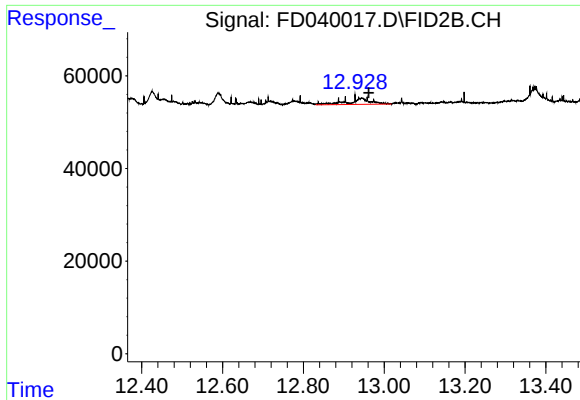
#11 n-Heneicosane (C21)

R.T.: 12.369 min
Delta R.T.: -0.010 min
Response: 45878
Conc: 0.31 ug/ml



#12 1-chlorooctadecane (SURR)

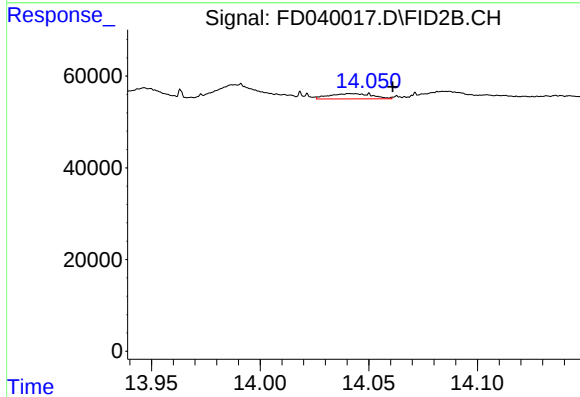
R.T.: 12.193 min
Delta R.T.: -0.017 min
Response: 4045393
Conc: 32.76 ug/ml



#13 n-Docosane (C22)

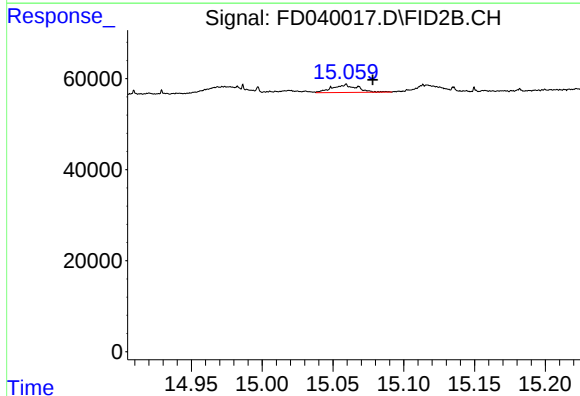
R.T.: 12.943 min
Delta R.T.: -0.019 min
Response: 52202
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



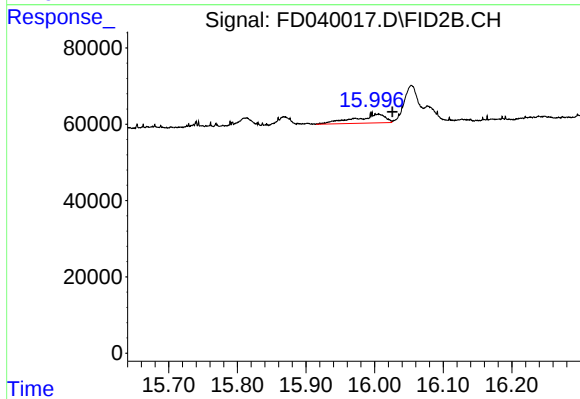
#14 n-Tetracosane (C24)

R.T.: 14.042 min
Delta R.T.: -0.019 min
Response: 15955
Conc: 0.11 ug/ml



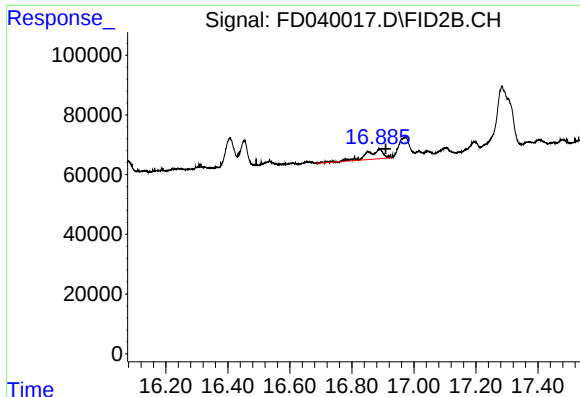
#15 n-Hexacosane (C26)

R.T.: 15.059 min
Delta R.T.: -0.019 min
Response: 21414
Conc: 0.15 ug/ml



#16 n-Octacosane (C28)

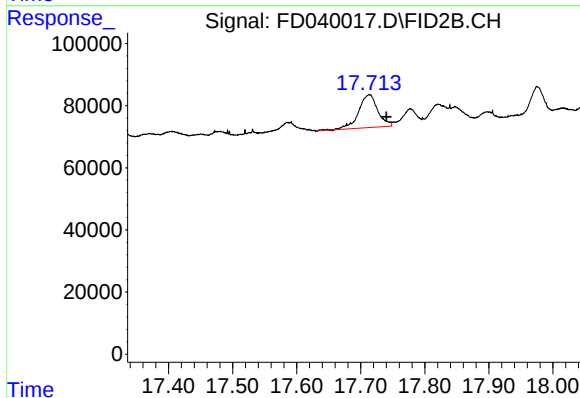
R.T.: 16.004 min
Delta R.T.: -0.022 min
Response: 71746
Conc: 0.53 ug/ml



#17 n-Tricontane (C30)

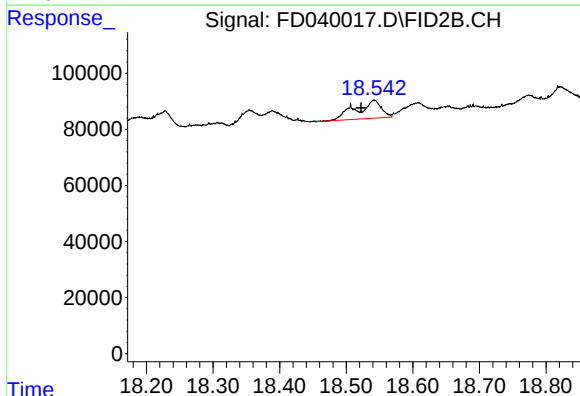
R.T.: 16.889 min
Delta R.T.: -0.020 min
Response: 123909
Conc: 0.95 ug/ml

Instrument :
FID_D
ClientSampleId :



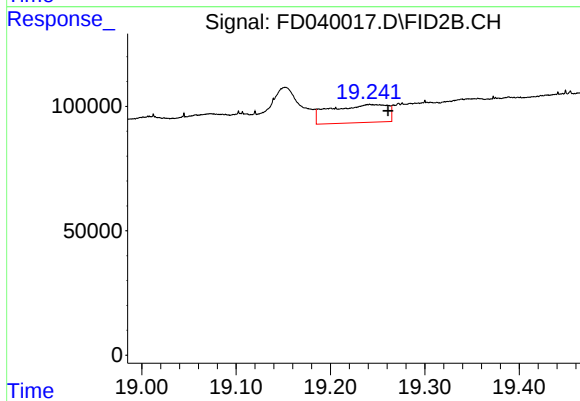
#18 n-Dotriacontane (C32)

R.T.: 17.712 min
Delta R.T.: -0.028 min
Response: 221230
Conc: 1.78 ug/ml



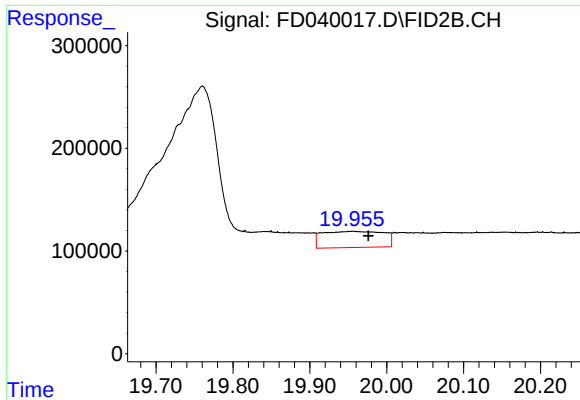
#19 n-Tetratriacontane (C34)

R.T.: 18.542 min
Delta R.T.: 0.020 min
Response: 168155
Conc: 1.39 ug/ml



#20 n-Hexatriacontane (C36)

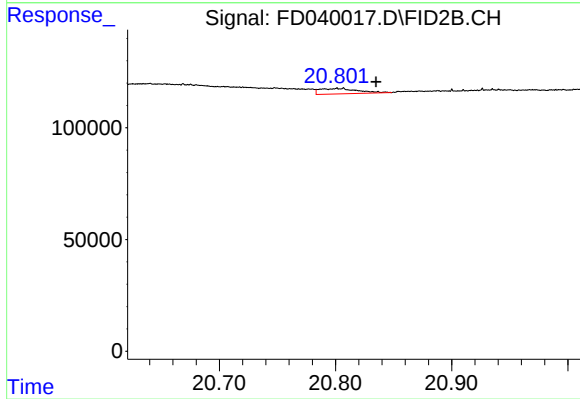
R.T.: 19.246 min
Delta R.T.: -0.015 min
Response: 303705
Conc: 2.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.955 min
Delta R.T.: -0.021 min
Response: 874316
Conc: 7.83 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.800 min
Delta R.T.: -0.035 min
Response: 54612
Conc: 0.48 ug/ml