

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040018.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 2:17
 Operator : AJ\MA
 Sample : M5116-06
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 05:50:30 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)	10.760	7026671	44.760 ug/ml
Spiked Amount 50.000		Recovery =	89.52%
12) S 1-chlorooctadecane (S...	12.194	5154908	41.742 ug/ml
Spiked Amount 50.000		Recovery =	83.48%
Target Compounds			
1) T n-Nonane (C9)	2.673	17622	0.125 ug/ml
2) T n-Decane (C10)	3.661	7267	0.051 ug/ml
3) T A~Naphthalene (C11.7)	5.248	3199	0.020 ug/ml
4) T n-Dodecane (C12)	5.662	3652	0.026 ug/ml
5) T A~2-methylnaphthalene...	6.295	9404	0.058 ug/ml
6) T n-Tetradecane (C14)	7.420	99642	0.691 ug/ml
7) T n-Hexadecane (C16)	9.011	32473	0.223 ug/ml
8) T n-Octadecane (C18)	10.468	70959	0.477 ug/ml
10) T n-Eicosane (C20)	11.785	62989	0.431 ug/ml
11) T n-Heneicosane (C21)	12.377	61956	0.422 ug/ml
13) T n-Docosane (C22)	12.941	37906	0.260 ug/ml
14) T n-Tetracosane (C24)	14.043	18356	0.126 ug/ml
15) T n-Hexacosane (C26)	15.056	22752	0.162 ug/ml
16) T n-Octacosane (C28)	16.005	38701	0.285 ug/ml
17) T n-Tricontane (C30)	16.889	59375	0.454 ug/ml
18) T n-Dotriacontane (C32)	17.712	281122	2.259 ug/ml
19) T n-Tetratriacontane (C34)	18.506	74536	0.617 ug/ml
20) T n-Hexatriacontane (C36)	19.244	266631	2.318 ug/ml
21) T n-Octatriacontane (C38)	19.956	916976	8.215 ug/ml
22) T n-Tetracontane (C40)	20.797	74977	0.658 ug/ml

(f)=RT Delta > 1/2 Window

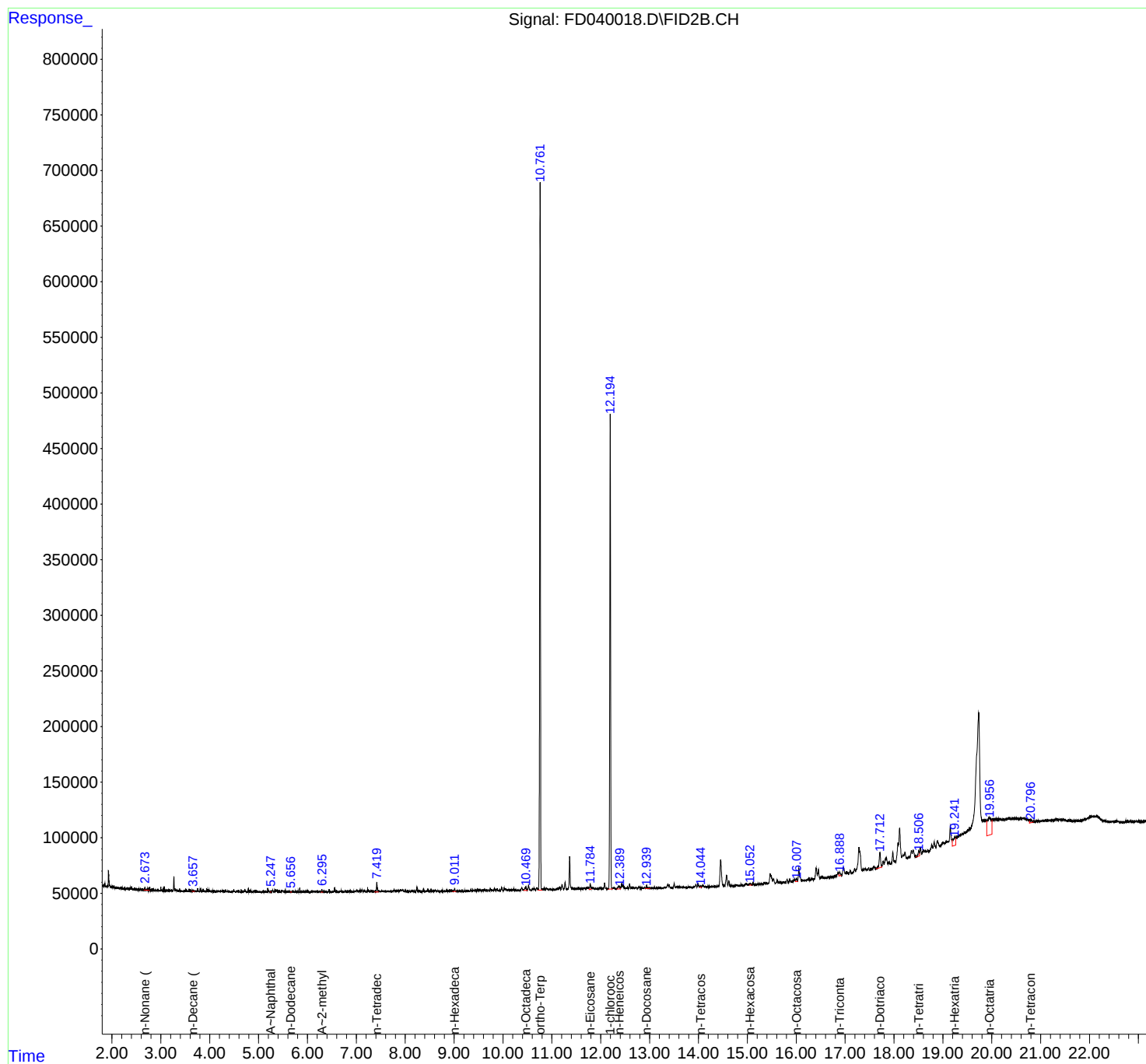
(m)=manual int.

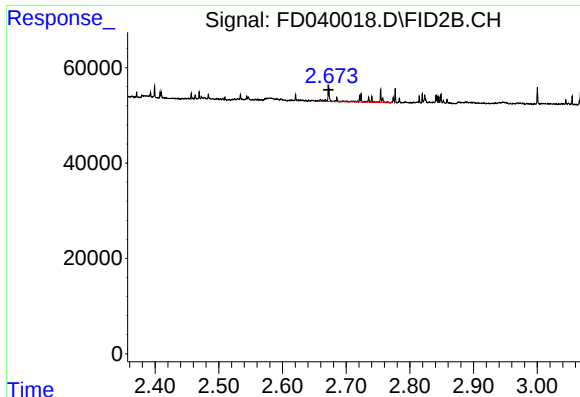
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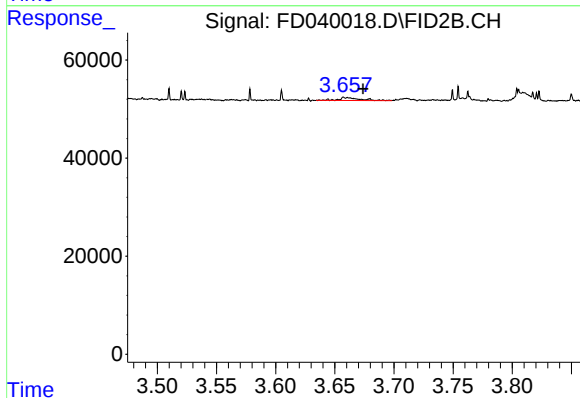




#1 n-Nonane (C9)

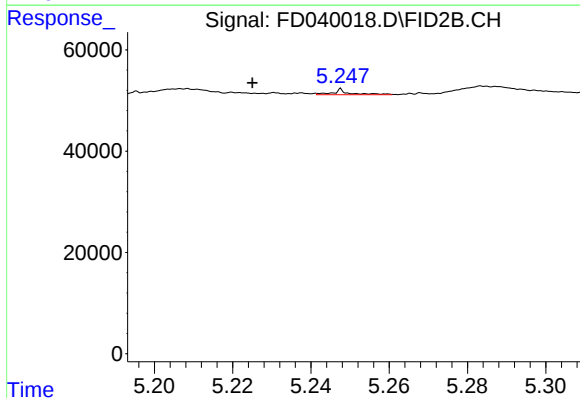
R.T.: 2.673 min
Delta R.T.: 0.000 min
Response: 17622
Conc: 0.13 ug/ml

Instrument :
FID_D
ClientSampleId :



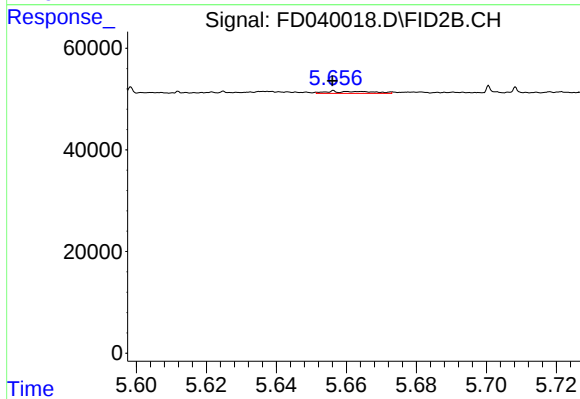
#2 n-Decane (C10)

R.T.: 3.661 min
Delta R.T.: -0.013 min
Response: 7267
Conc: 0.05 ug/ml



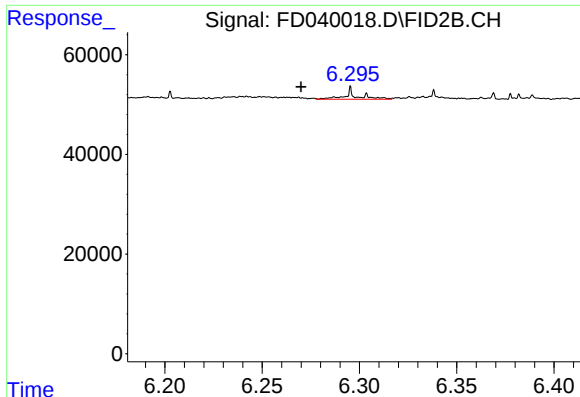
#3 A~Naphthalene (C11.7)

R.T.: 5.248 min
Delta R.T.: 0.023 min
Response: 3199
Conc: 0.02 ug/ml



#4 n-Dodecane (C12)

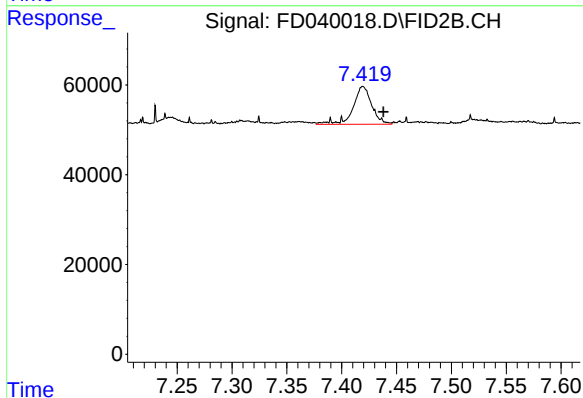
R.T.: 5.662 min
Delta R.T.: 0.006 min
Response: 3652
Conc: 0.03 ug/ml



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

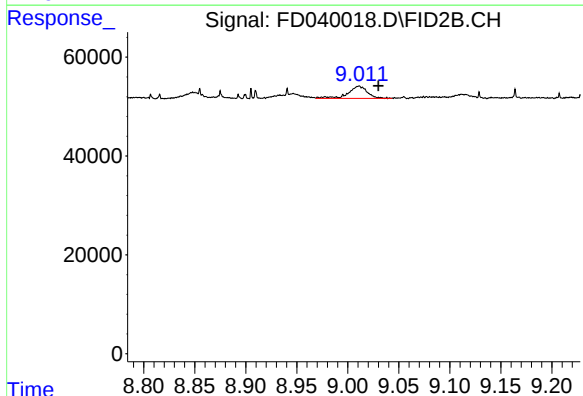
R.T.: 6.295 min
Delta R.T.: 0.025 min
Response: 9404
Conc: 0.06 ug/ml

Instrument :
FID_D
ClientSampleId :



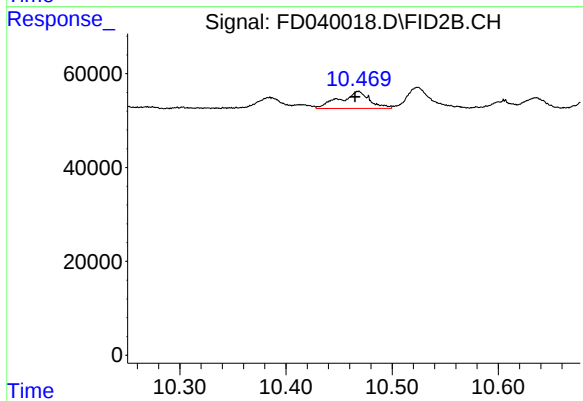
#6 n-Tetradecane (C14)

R.T.: 7.420 min
Delta R.T.: -0.018 min
Response: 99642
Conc: 0.69 ug/ml



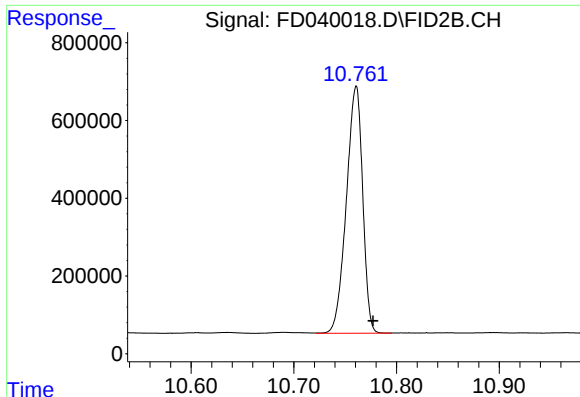
#7 n-Hexadecane (C16)

R.T.: 9.011 min
Delta R.T.: -0.019 min
Response: 32473
Conc: 0.22 ug/ml



#8 n-Octadecane (C18)

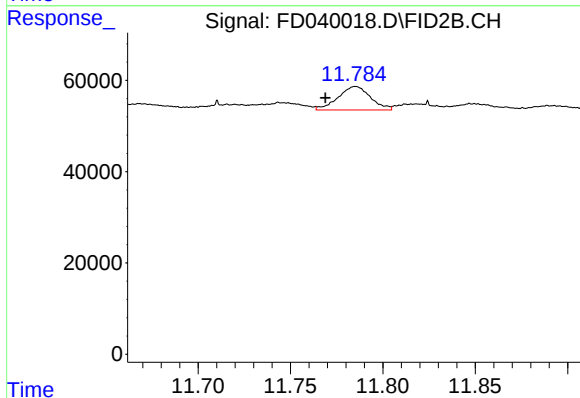
R.T.: 10.468 min
Delta R.T.: 0.003 min
Response: 70959
Conc: 0.48 ug/ml



#9 ortho-Terphenyl (SURR)

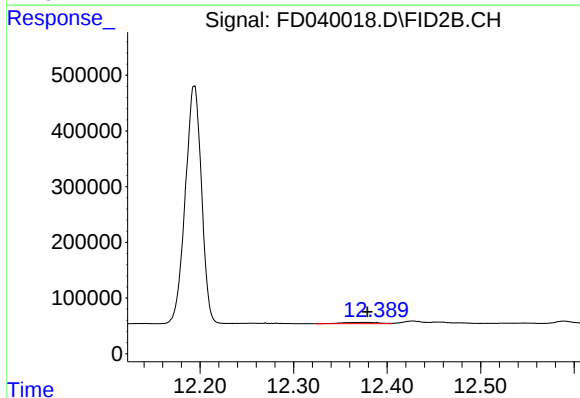
R.T.: 10.760 min
Delta R.T.: -0.017 min
Response: 7026671
Conc: 44.76 ug/ml

Instrument :
FID_D
ClientSampleId :



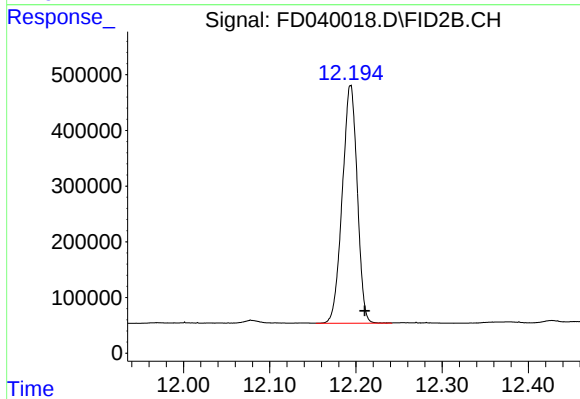
#10 n-Eicosane (C20)

R.T.: 11.785 min
Delta R.T.: 0.016 min
Response: 62989
Conc: 0.43 ug/ml



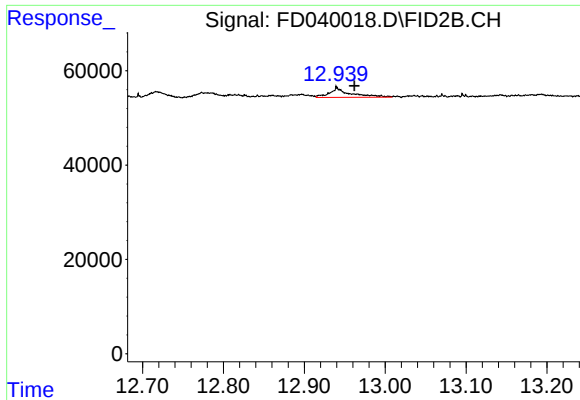
#11 n-Heneicosane (C21)

R.T.: 12.377 min
Delta R.T.: -0.002 min
Response: 61956
Conc: 0.42 ug/ml



#12 1-chlorooctadecane (SURR)

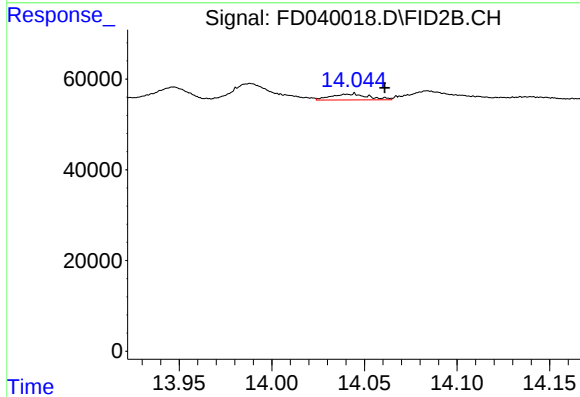
R.T.: 12.194 min
Delta R.T.: -0.016 min
Response: 5154908
Conc: 41.74 ug/ml



#13 n-Docosane (C22)

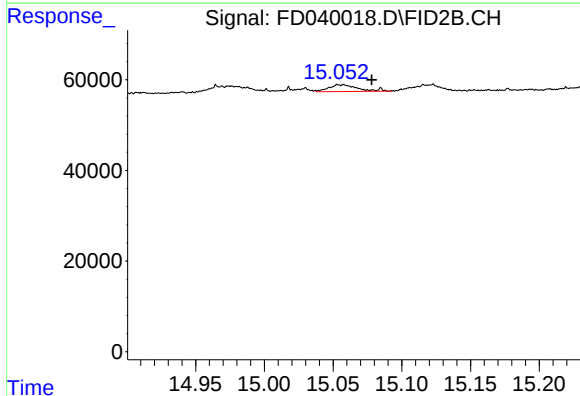
R.T.: 12.941 min
Delta R.T.: -0.021 min
Response: 37906
Conc: 0.26 ug/ml

Instrument :
FID_D
ClientSampleId :



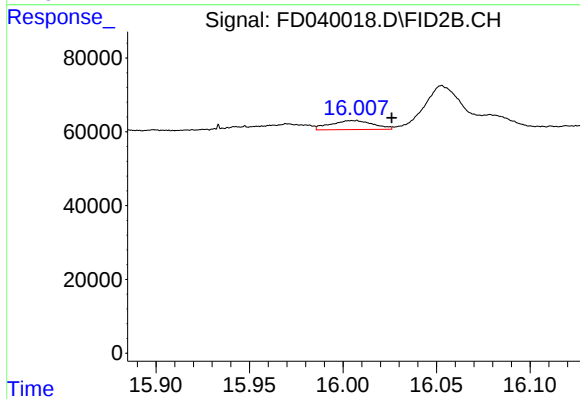
#14 n-Tetracosane (C24)

R.T.: 14.043 min
Delta R.T.: -0.018 min
Response: 18356
Conc: 0.13 ug/ml



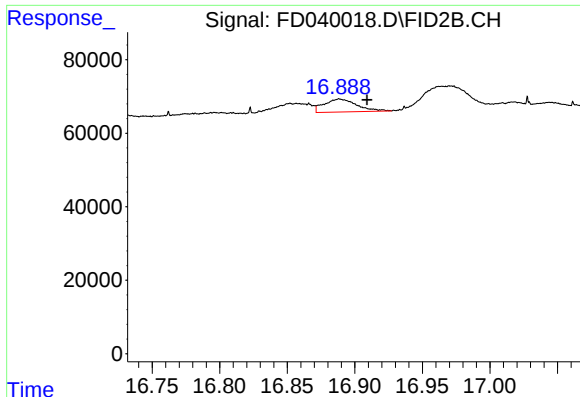
#15 n-Hexacosane (C26)

R.T.: 15.056 min
Delta R.T.: -0.022 min
Response: 22752
Conc: 0.16 ug/ml



#16 n-Octacosane (C28)

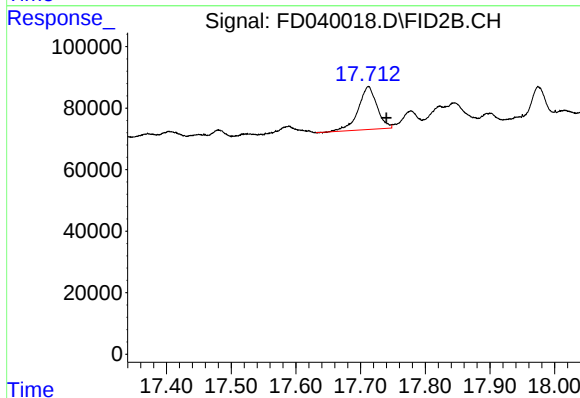
R.T.: 16.005 min
Delta R.T.: -0.021 min
Response: 38701
Conc: 0.29 ug/ml



#17 n-Tricontane (C30)

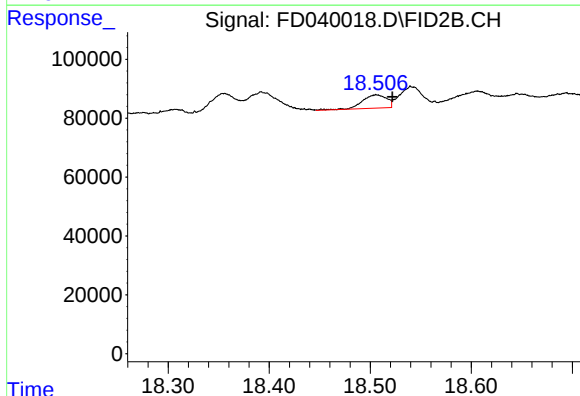
R.T.: 16.889 min
Delta R.T.: -0.020 min
Response: 59375
Conc: 0.45 ug/ml

Instrument :
FID_D
ClientSampleId :



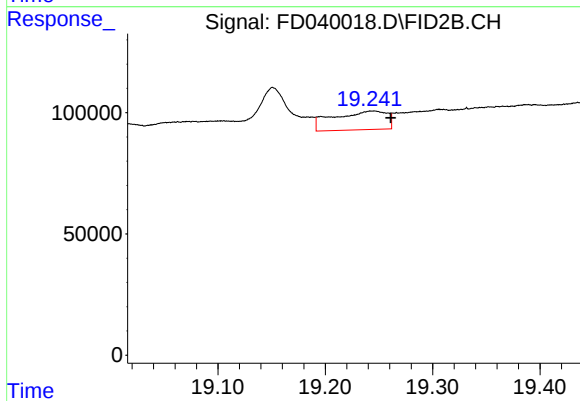
#18 n-Dotriacontane (C32)

R.T.: 17.712 min
Delta R.T.: -0.028 min
Response: 281122
Conc: 2.26 ug/ml



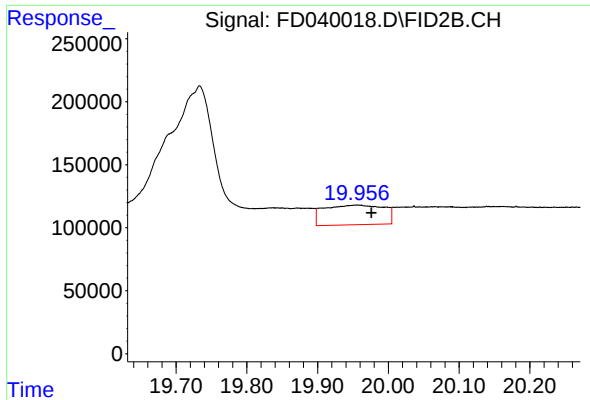
#19 n-Tetratriacontane (C34)

R.T.: 18.506 min
Delta R.T.: -0.016 min
Response: 74536
Conc: 0.62 ug/ml



#20 n-Hexatriacontane (C36)

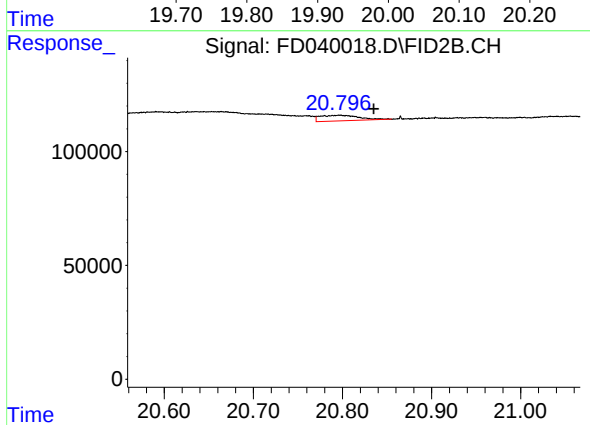
R.T.: 19.244 min
Delta R.T.: -0.017 min
Response: 266631
Conc: 2.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.956 min
Delta R.T.: -0.020 min
Response: 916976
Conc: 8.22 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.797 min
Delta R.T.: -0.038 min
Response: 74977
Conc: 0.66 ug/ml