

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040023.D
 Signal(s) : FID2B.CH
 Acq On : 18 Dec 2021 5:03
 Operator : AJ\MA
 Sample : M5122-02
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 05:52:20 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	6894422	43.917 ug/ml
Spiked Amount 50.000		Recovery =	87.83%
12) S 1-chlorooctadecane (S...	12.192	5450506	44.136 ug/ml
Spiked Amount 50.000		Recovery =	88.27%
Target Compounds			
1) T n-Nonane (C9)	2.675	4451	0.032 ug/ml
2) T n-Decane (C10)	3.658	14222	0.100 ug/ml
3) T A~Naphthalene (C11.7)	5.206	91831	0.572 ug/ml
4) T n-Dodecane (C12)	5.661	26196	0.183 ug/ml
5) T A~2-methylnaphthalene...	6.249	48254	0.299 ug/ml
6) T n-Tetradecane (C14)	7.457	31169	0.216 ug/ml
7) T n-Hexadecane (C16)	9.010	34854	0.240 ug/ml
8) T n-Octadecane (C18)	10.468	19659	0.132 ug/ml
10) T n-Eicosane (C20)	11.783	512672	3.505 ug/ml
11) T n-Heneicosane (C21)	12.378	25872	0.176 ug/ml
13) T n-Docosane (C22)	12.981	36376	0.249 ug/ml
14) T n-Tetracosane (C24)	14.042	31584	0.217 ug/ml
15) T n-Hexacosane (C26)	15.053	71420	0.509 ug/ml
16) T n-Octacosane (C28)	16.049	286937	2.116 ug/ml
17) T n-Tricontane (C30)	16.888	128305	0.982 ug/ml
18) T n-Dotriacontane (C32)	17.712	413696	3.324 ug/ml
19) T n-Tetratriacontane (C34)	18.539	429861	3.559 ug/ml
20) T n-Hexatriacontane (C36)	19.242	736453	6.404 ug/ml
21) T n-Octatriacontane (C38)	19.956	3019600	27.052 ug/ml
22) T n-Tetracontane (C40)	20.795	1170915	10.276 ug/ml

(f)=RT Delta > 1/2 Window

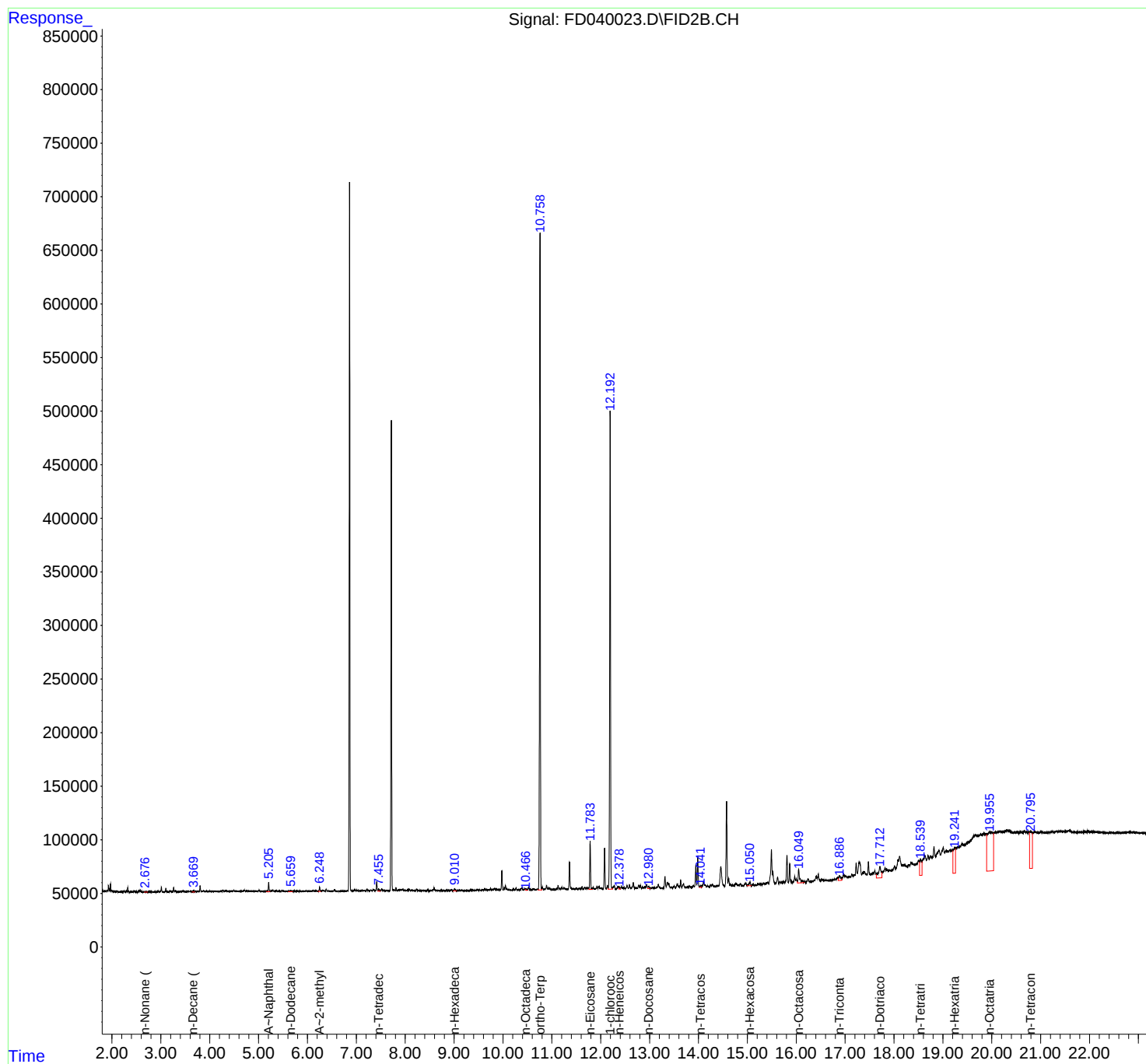
(m)=manual int.

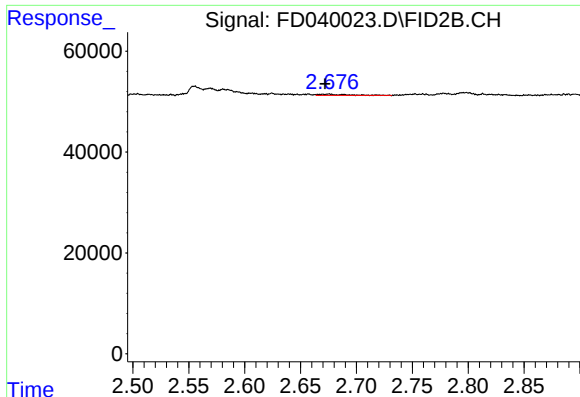
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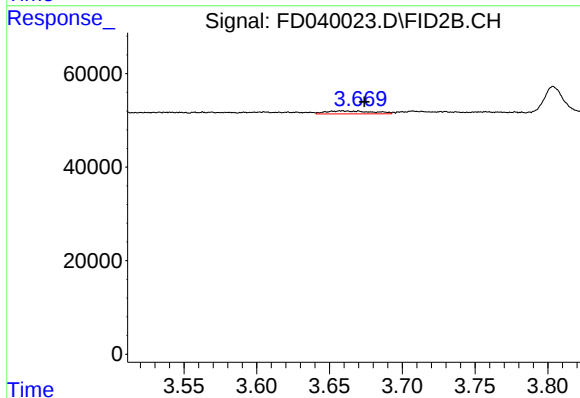




#1 n-Nonane (C9)

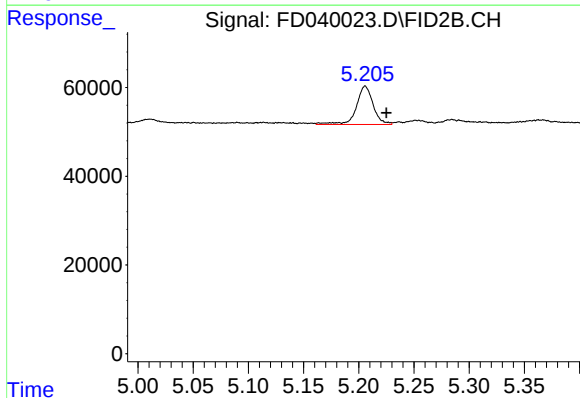
R.T.: 2.675 min
Delta R.T.: 0.003 min
Response: 4451
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



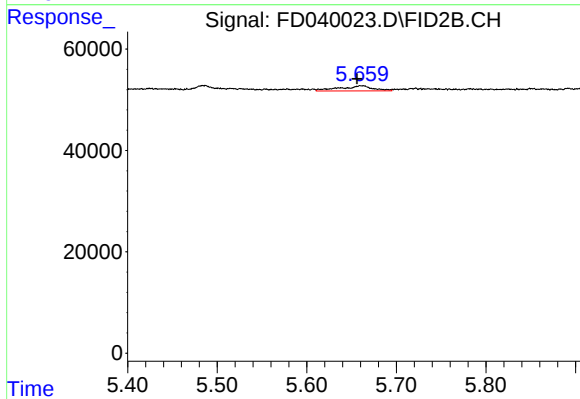
#2 n-Decane (C10)

R.T.: 3.658 min
Delta R.T.: -0.016 min
Response: 14222
Conc: 0.10 ug/ml



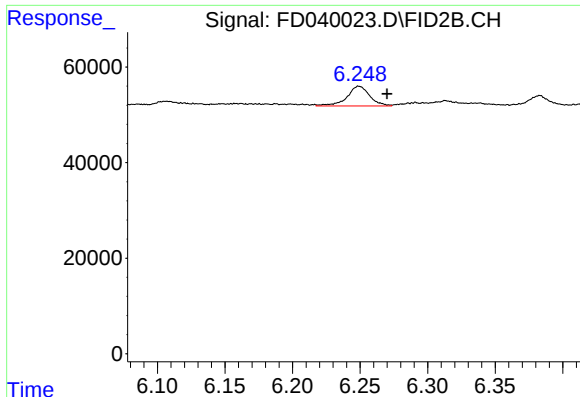
#3 A~Naphthalene (C11.7)

R.T.: 5.206 min
Delta R.T.: -0.019 min
Response: 91831
Conc: 0.57 ug/ml



#4 n-Dodecane (C12)

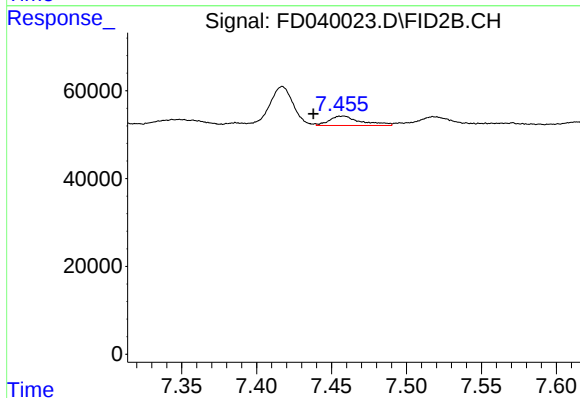
R.T.: 5.661 min
Delta R.T.: 0.005 min
Response: 26196
Conc: 0.18 ug/ml



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

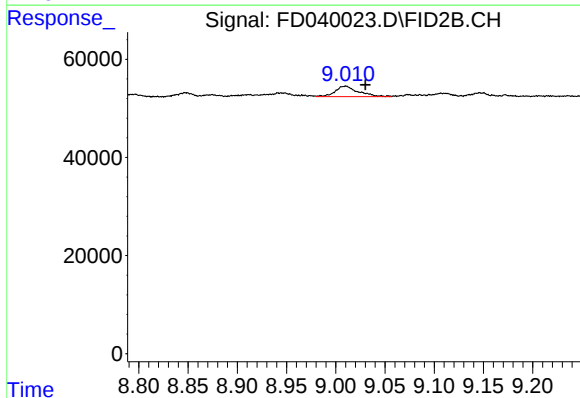
R.T.: 6.249 min
Delta R.T.: -0.021 min
Response: 48254
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



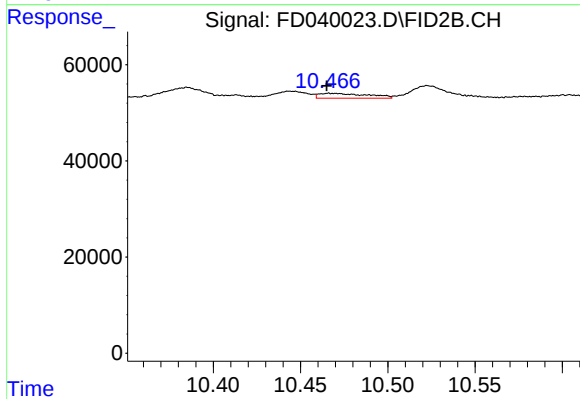
#6 n-Tetradecane (C14)

R.T.: 7.457 min
Delta R.T.: 0.019 min
Response: 31169
Conc: 0.22 ug/ml



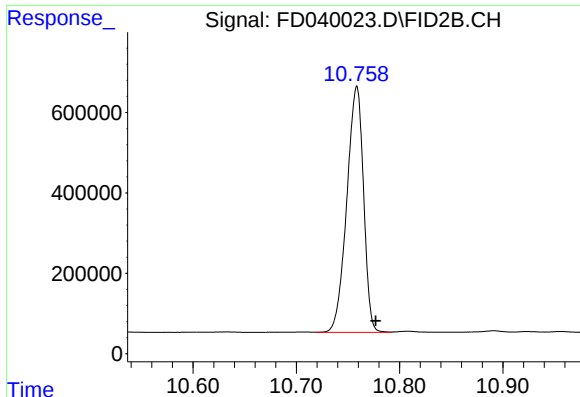
#7 n-Hexadecane (C16)

R.T.: 9.010 min
Delta R.T.: -0.020 min
Response: 34854
Conc: 0.24 ug/ml



#8 n-Octadecane (C18)

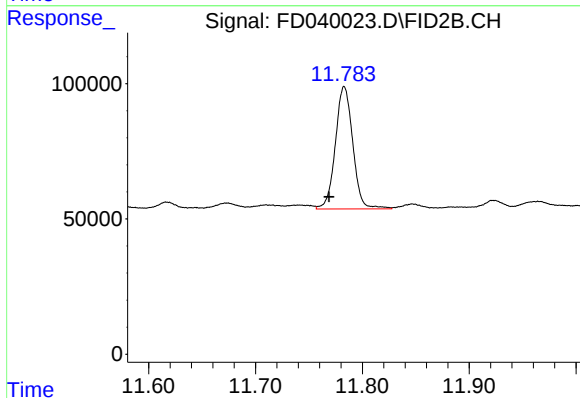
R.T.: 10.468 min
Delta R.T.: 0.003 min
Response: 19659
Conc: 0.13 ug/ml



#9 ortho-Terphenyl (SURR)

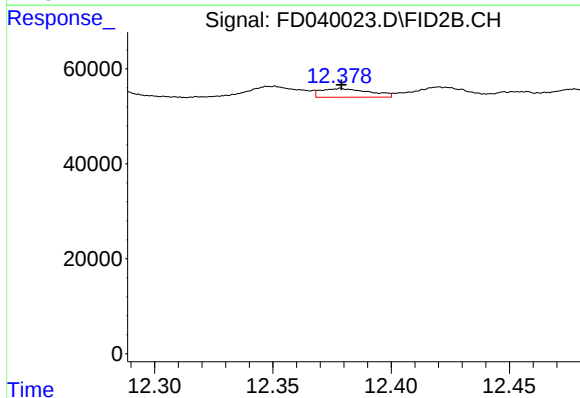
R.T.: 10.758 min
Delta R.T.: -0.019 min
Response: 6894422
Conc: 43.92 ug/ml

Instrument :
FID_D
ClientSampleId :



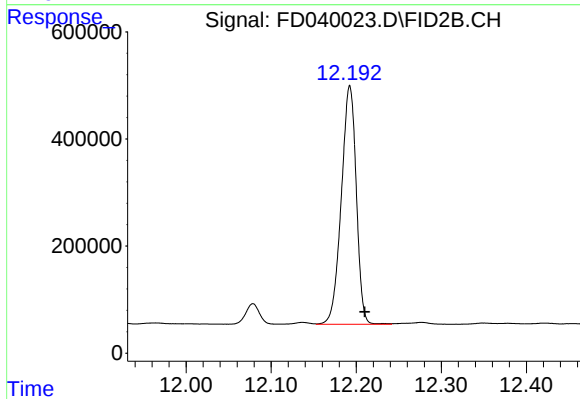
#10 n-Eicosane (C20)

R.T.: 11.783 min
Delta R.T.: 0.014 min
Response: 512672
Conc: 3.51 ug/ml



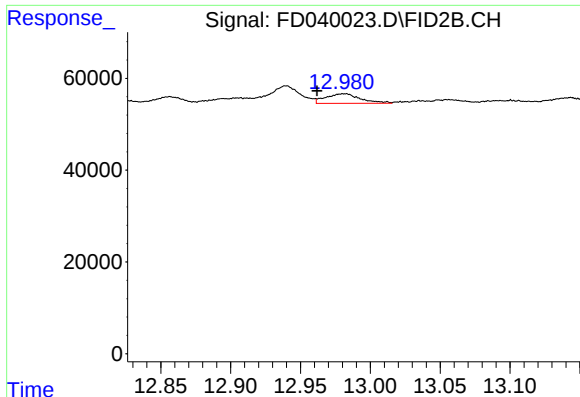
#11 n-Heneicosane (C21)

R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 25872
Conc: 0.18 ug/ml



#12 1-chlorooctadecane (SURR)

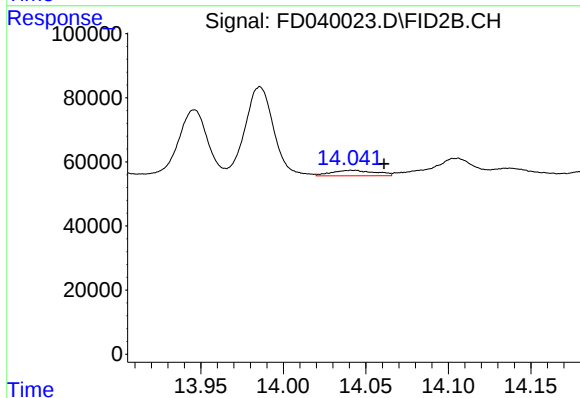
R.T.: 12.192 min
Delta R.T.: -0.018 min
Response: 5450506
Conc: 44.14 ug/ml



#13 n-Docosane (C22)

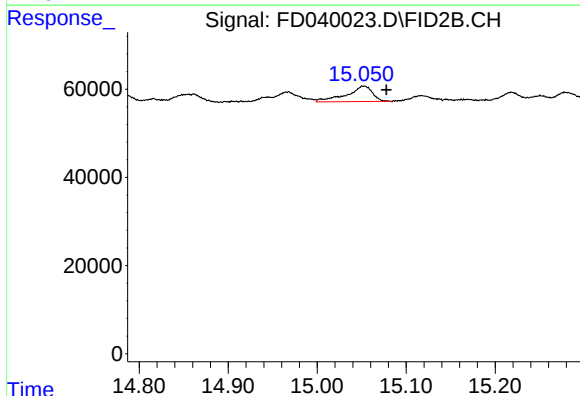
R.T.: 12.981 min
Delta R.T.: 0.019 min
Response: 36376
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



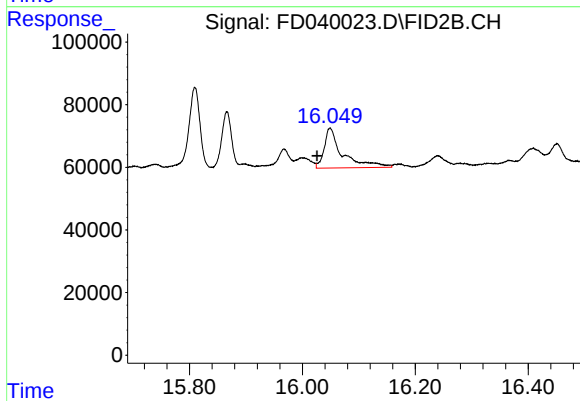
#14 n-Tetracosane (C24)

R.T.: 14.042 min
Delta R.T.: -0.019 min
Response: 31584
Conc: 0.22 ug/ml



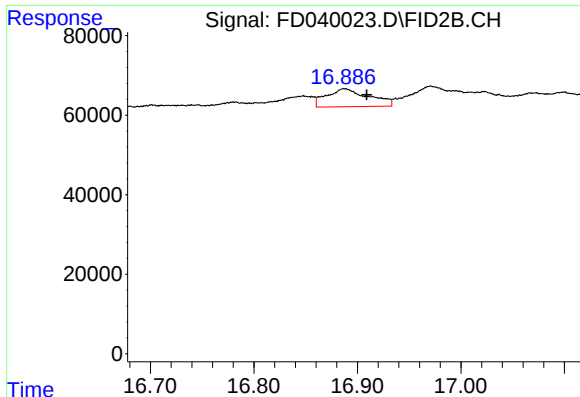
#15 n-Hexacosane (C26)

R.T.: 15.053 min
Delta R.T.: -0.025 min
Response: 71420
Conc: 0.51 ug/ml



#16 n-Octacosane (C28)

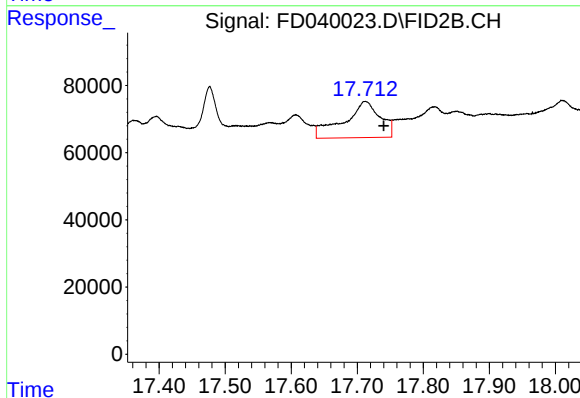
R.T.: 16.049 min
Delta R.T.: 0.023 min
Response: 286937
Conc: 2.12 ug/ml



#17 n-Tricontane (C30)

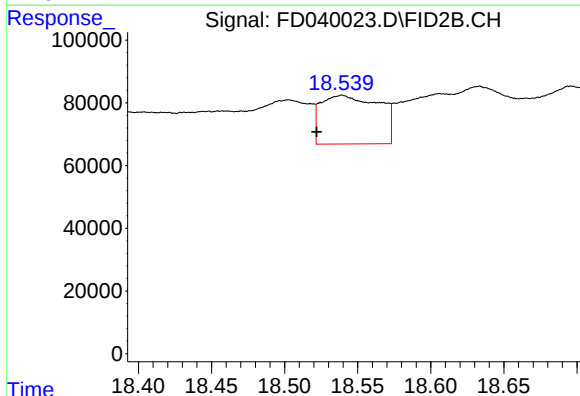
R.T.: 16.888 min
Delta R.T.: -0.021 min
Response: 128305
Conc: 0.98 ug/ml

Instrument :
FID_D
ClientSampleId :



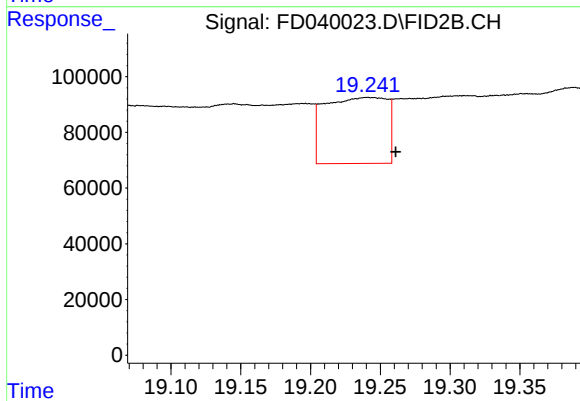
#18 n-Dotriacontane (C32)

R.T.: 17.712 min
Delta R.T.: -0.028 min
Response: 413696
Conc: 3.32 ug/ml



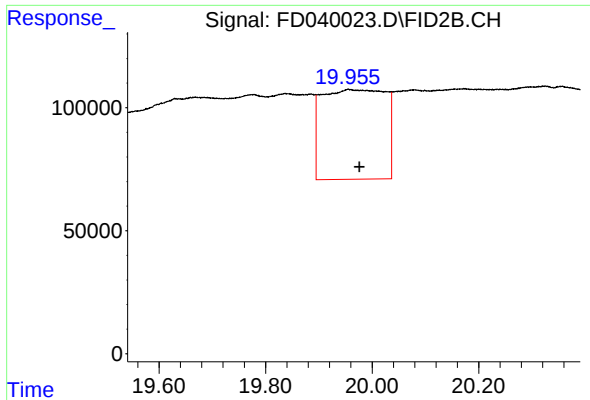
#19 n-Tetratriacontane (C34)

R.T.: 18.539 min
Delta R.T.: 0.017 min
Response: 429861
Conc: 3.56 ug/ml



#20 n-Hexatriacontane (C36)

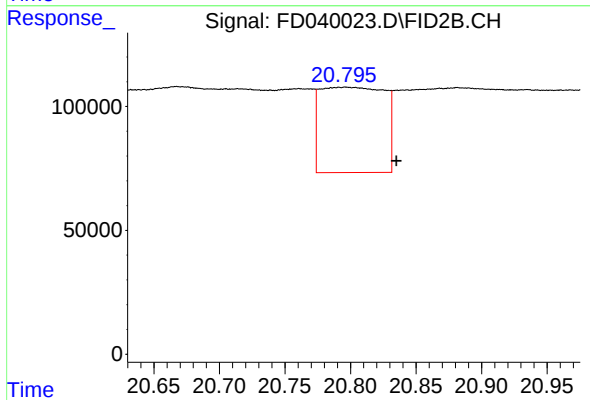
R.T.: 19.242 min
Delta R.T.: -0.019 min
Response: 736453
Conc: 6.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.956 min
Delta R.T.: -0.020 min
Response: 3019600
Conc: 27.05 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.795 min
Delta R.T.: -0.040 min
Response: 1170915
Conc: 10.28 ug/ml