

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD040013.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 23:30
 Operator : AJ\MA
 Sample : M5116-03
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:24:16 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	5484788	34.938 ug/ml
Spiked Amount 50.000		Recovery =	69.88%
12) S 1-chlorooctadecane (S...	12.194	3944563	31.942 ug/ml
Spiked Amount 50.000		Recovery =	63.88%
Target Compounds			
1) T n-Nonane (C9)	2.662	3683	0.026 ug/ml
2) T n-Decane (C10)	3.662	11286	0.079 ug/ml
3) T A~Naphthalene (C11.7)	5.237	50895	0.317 ug/ml
4) T n-Dodecane (C12)	5.659	3104	0.022 ug/ml
5) T A~2-methylnaphthalene...	6.253	9774	0.061 ug/ml
6) T n-Tetradecane (C14)	7.420	69953	0.485 ug/ml
7) T n-Hexadecane (C16)	9.012	29809	0.205 ug/ml
8) T n-Octadecane (C18)	10.469	71994	0.484 ug/ml
10) T n-Eicosane (C20)	11.786	84368	0.577 ug/ml
11) T n-Heneicosane (C21)	12.377	73647	0.501 ug/ml
13) T n-Docosane (C22)	12.944	54036	0.370 ug/ml
14) T n-Tetracosane (C24)	14.041	19371	0.133 ug/ml
15) T n-Hexacosane (C26)	15.059	30074	0.214 ug/ml
16) T n-Octacosane (C28)	16.006	52083	0.384 ug/ml
17) T n-Tricontane (C30)	16.890	74195	0.568 ug/ml
18) T n-Dotriacontane (C32)	17.711	278849	2.241 ug/ml
19) T n-Tetratriacontane (C34)	18.508	80240	0.664 ug/ml
20) T n-Hexatriacontane (C36)	19.247	300969	2.617 ug/ml
21) T n-Octatriacontane (C38)	19.955	852680	7.639 ug/ml
22) T n-Tetracontane (C40)	20.856	6659	0.058 ug/ml

(f)=RT Delta > 1/2 Window

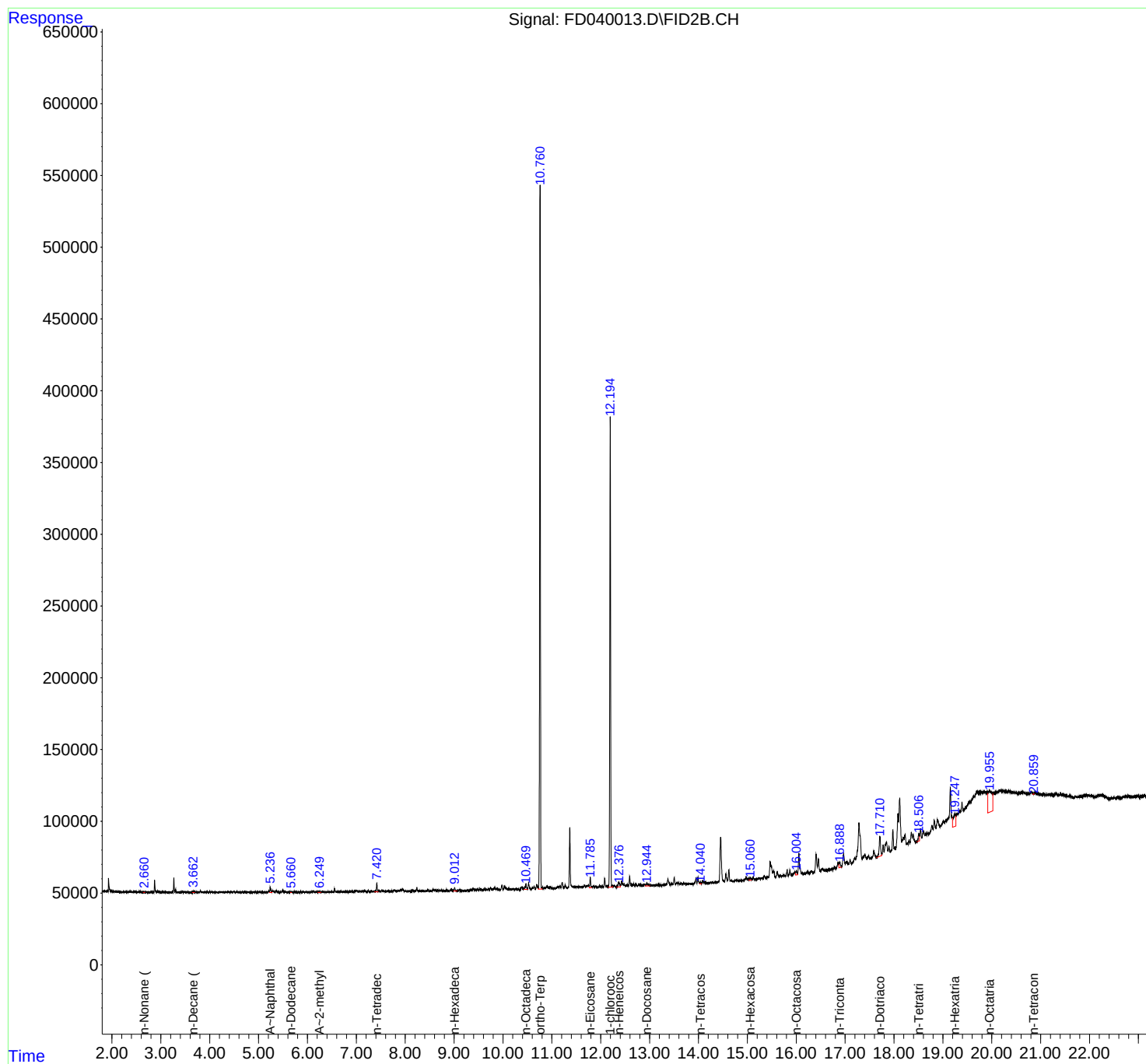
(m)=manual int.

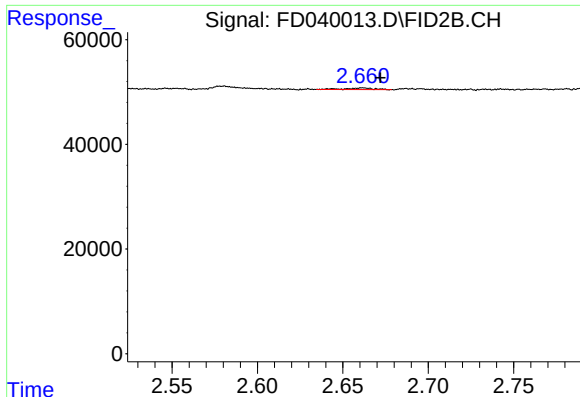
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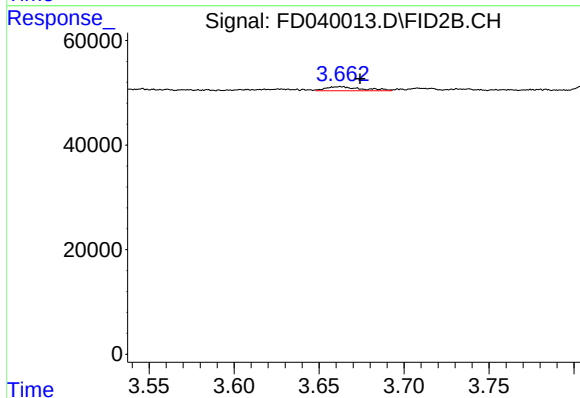
#1 n-Nonane (C9)

R.T.: 2.662 min
Delta R.T.: -0.010 min
Response: 3683
Conc: 0.03 ug/ml

Instrument :

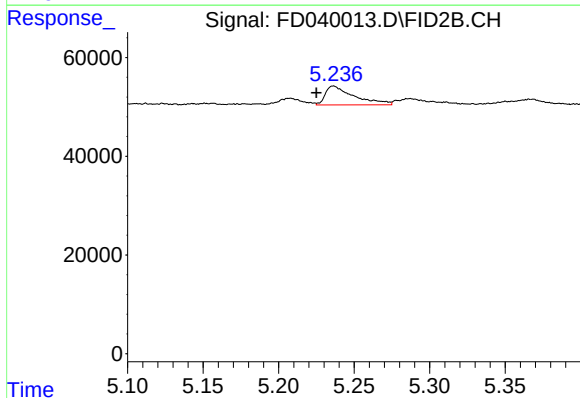
FID_D

ClientSampleId :



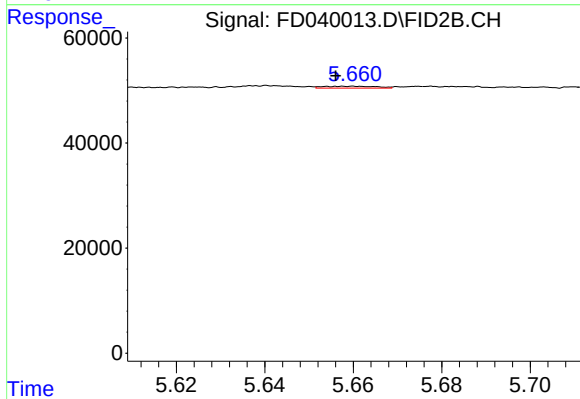
#2 n-Decane (C10)

R.T.: 3.662 min
Delta R.T.: -0.012 min
Response: 11286
Conc: 0.08 ug/ml



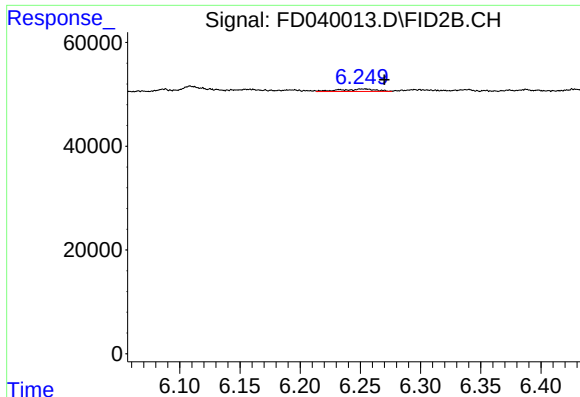
#3 A~Naphthalene (C11.7)

R.T.: 5.237 min
Delta R.T.: 0.012 min
Response: 50895
Conc: 0.32 ug/ml



#4 n-Dodecane (C12)

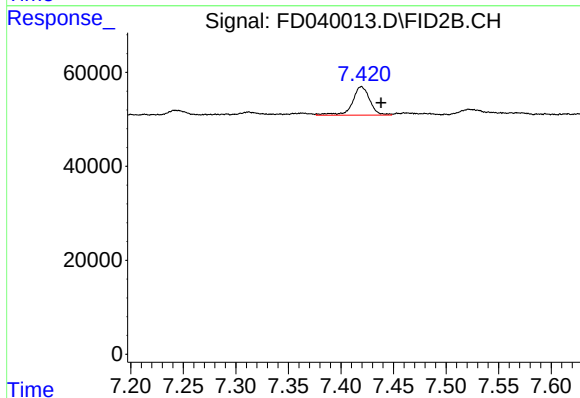
R.T.: 5.659 min
Delta R.T.: 0.003 min
Response: 3104
Conc: 0.02 ug/ml



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

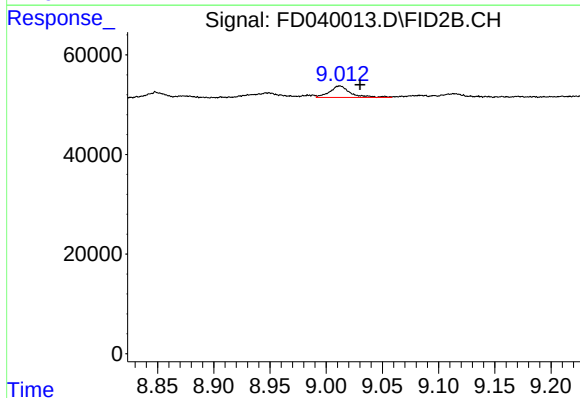
R.T.: 6.253 min
Delta R.T.: -0.017 min
Response: 9774
Conc: 0.06 ug/ml

Instrument :
FID_D
ClientSampleId :



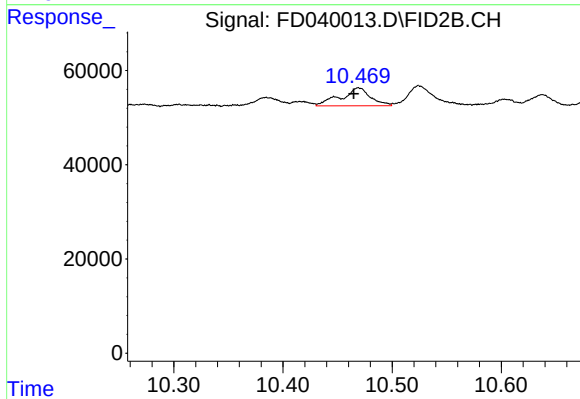
#6 n-Tetradecane (C14)

R.T.: 7.420 min
Delta R.T.: -0.018 min
Response: 69953
Conc: 0.49 ug/ml



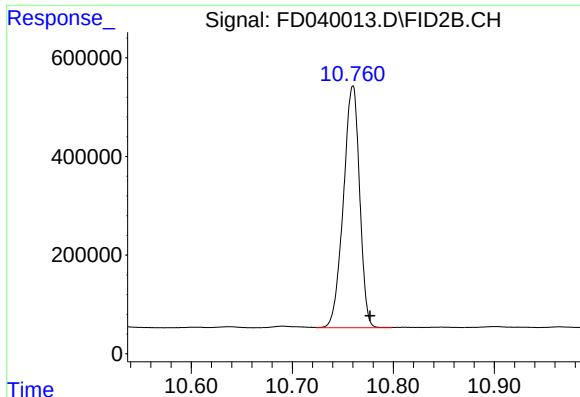
#7 n-Hexadecane (C16)

R.T.: 9.012 min
Delta R.T.: -0.018 min
Response: 29809
Conc: 0.20 ug/ml



#8 n-Octadecane (C18)

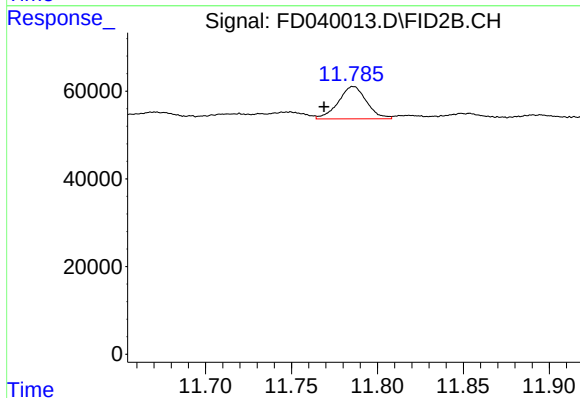
R.T.: 10.469 min
Delta R.T.: 0.004 min
Response: 71994
Conc: 0.48 ug/ml



#9 ortho-Terphenyl (SURR)

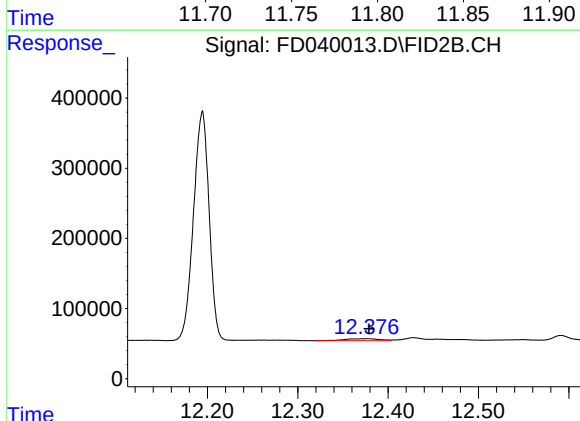
R.T.: 10.760 min
Delta R.T.: -0.017 min
Response: 5484788
Conc: 34.94 ug/ml

Instrument :
FID_D
ClientSampleId :



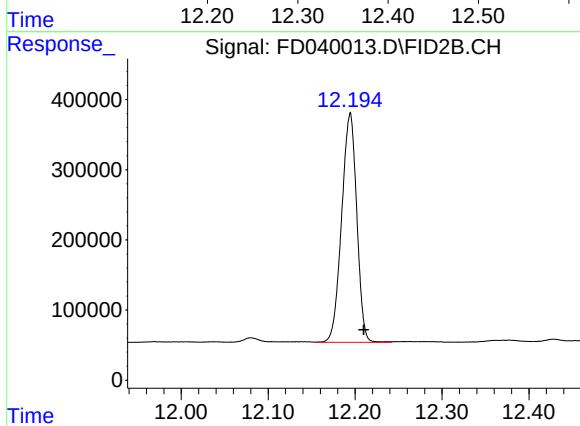
#10 n-Eicosane (C20)

R.T.: 11.786 min
Delta R.T.: 0.017 min
Response: 84368
Conc: 0.58 ug/ml



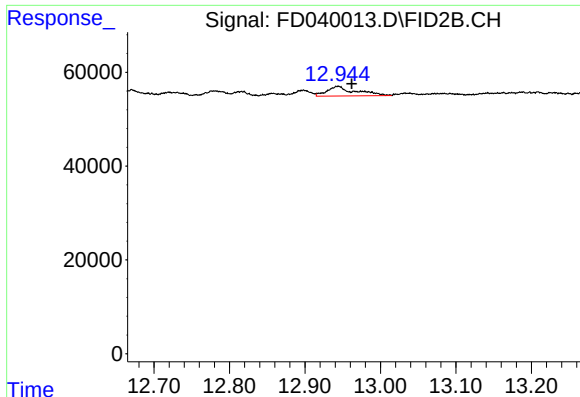
#11 n-Heneicosane (C21)

R.T.: 12.377 min
Delta R.T.: -0.002 min
Response: 73647
Conc: 0.50 ug/ml



#12 1-chlorooctadecane (SURR)

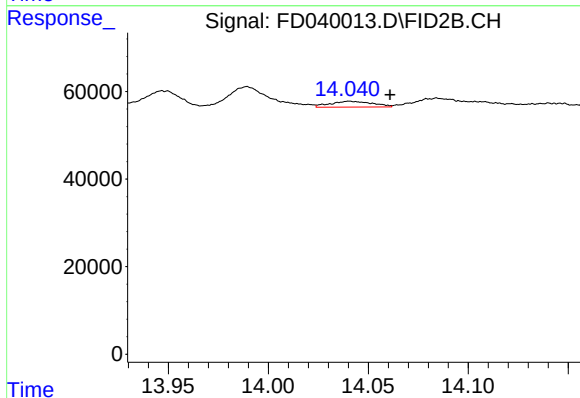
R.T.: 12.194 min
Delta R.T.: -0.016 min
Response: 3944563
Conc: 31.94 ug/ml



#13 n-Docosane (C22)

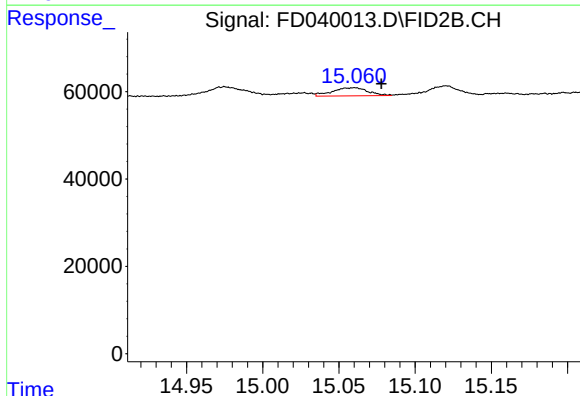
R.T.: 12.944 min
Delta R.T.: -0.018 min
Response: 54036
Conc: 0.37 ug/ml

Instrument :
FID_D
ClientSampleId :



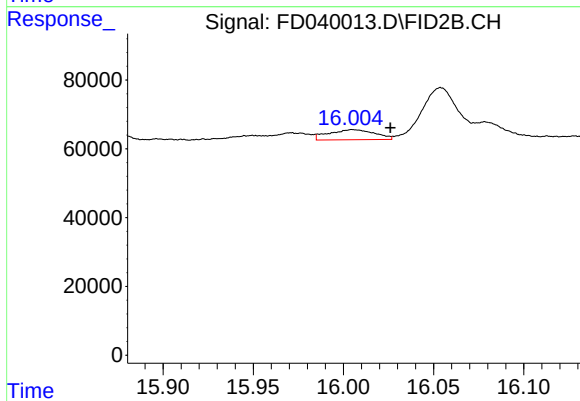
#14 n-Tetracosane (C24)

R.T.: 14.041 min
Delta R.T.: -0.020 min
Response: 19371
Conc: 0.13 ug/ml



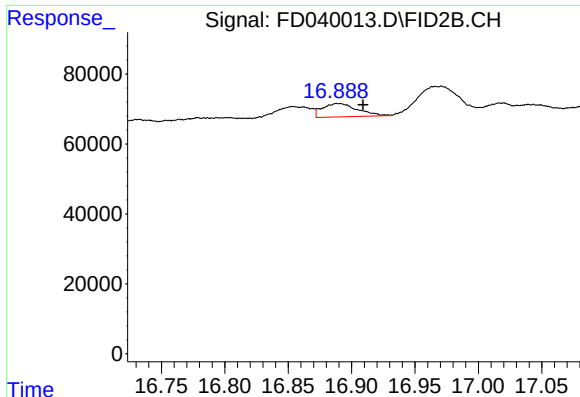
#15 n-Hexacosane (C26)

R.T.: 15.059 min
Delta R.T.: -0.019 min
Response: 30074
Conc: 0.21 ug/ml



#16 n-Octacosane (C28)

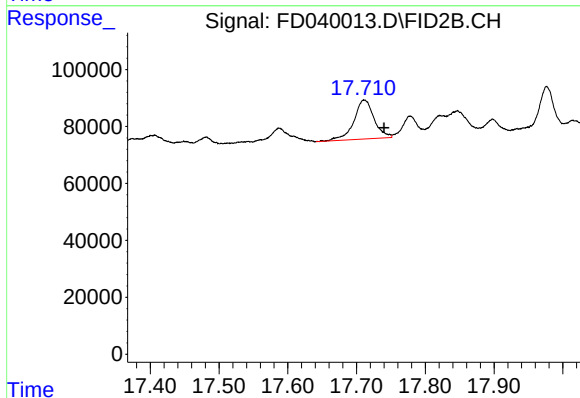
R.T.: 16.006 min
Delta R.T.: -0.020 min
Response: 52083
Conc: 0.38 ug/ml



#17 n-Tricontane (C30)

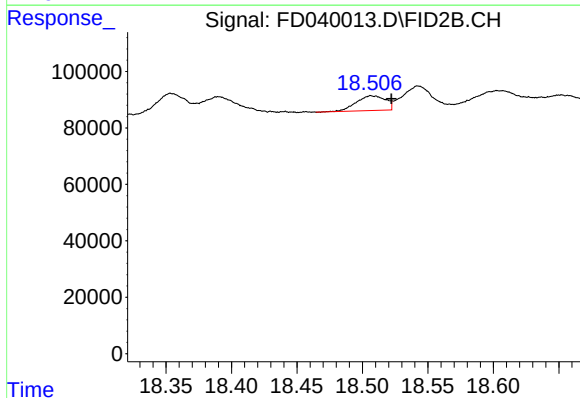
R.T.: 16.890 min
Delta R.T.: -0.019 min
Response: 74195
Conc: 0.57 ug/ml

Instrument :
FID_D
ClientSampleId :



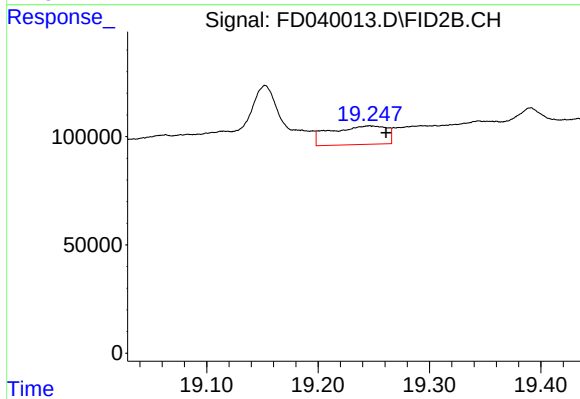
#18 n-Dotriacontane (C32)

R.T.: 17.711 min
Delta R.T.: -0.029 min
Response: 278849
Conc: 2.24 ug/ml



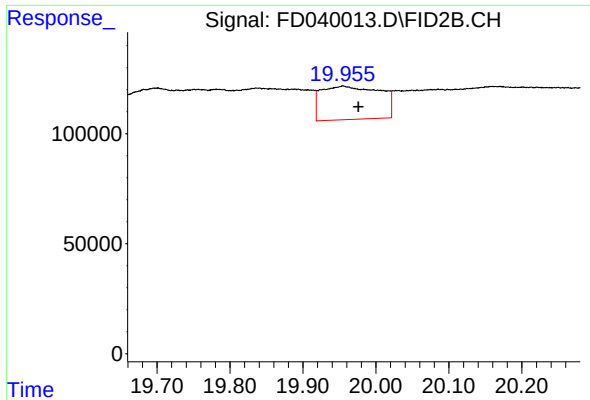
#19 n-Tetratriacontane (C34)

R.T.: 18.508 min
Delta R.T.: -0.014 min
Response: 80240
Conc: 0.66 ug/ml



#20 n-Hexatriacontane (C36)

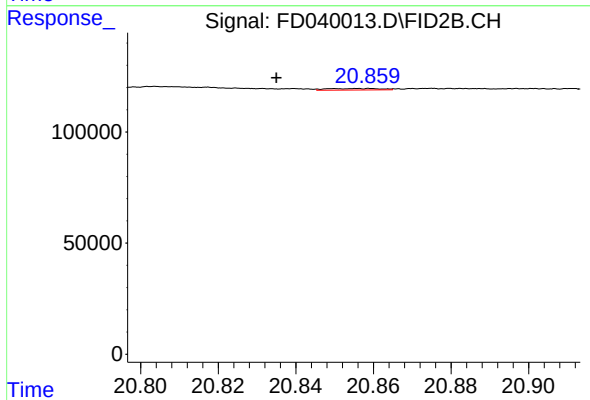
R.T.: 19.247 min
Delta R.T.: -0.014 min
Response: 300969
Conc: 2.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.955 min
Delta R.T.: -0.021 min
Response: 852680
Conc: 7.64 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.856 min
Delta R.T.: 0.021 min
Response: 6659
Conc: 0.06 ug/ml