

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD039999.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 15:14
 Operator : AJ\MA
 Sample : M5086-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:42:21 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)	10.763	6445327	41.056 ug/ml
Spiked Amount 50.000		Recovery =	82.11%
12) S 1-chlorooctadecane (S...	12.198	5257042	42.569 ug/ml
Spiked Amount 50.000		Recovery =	85.14%
Target Compounds			
1) T n-Nonane (C9)	2.686	3956	0.028 ug/ml
2) T n-Decane (C10)	3.660	16451	0.115 ug/ml
3) T A~Naphthalene (C11.7)	5.211	75589	0.471 ug/ml
4) T n-Dodecane (C12)	5.650	26036	0.182 ug/ml
5) T A~2-methylnaphthalene...	6.254	40636	0.252 ug/ml
6) T n-Tetradecane (C14)	7.423	50986	0.354 ug/ml
7) T n-Hexadecane (C16)	9.014	70181	0.482 ug/ml
8) T n-Octadecane (C18)	10.474	35013	0.235 ug/ml
10) T n-Eicosane (C20)	11.752	61072	0.418 ug/ml
11) T n-Heneicosane (C21)	12.355	149718	1.019 ug/ml
13) T n-Docosane (C22)	12.946	164032	1.123 ug/ml
14) T n-Tetracosane (C24)	14.044	39470	0.271 ug/ml
15) T n-Hexacosane (C26)	15.061	69642	0.497 ug/ml
16) T n-Octacosane (C28)	16.017	213588	1.575 ug/ml
17) T n-Tricontane (C30)	16.893	334394	2.559 ug/ml
18) T n-Dotriacontane (C32)	17.712	958230	7.699 ug/ml
19) T n-Tetratriacontane (C34)	18.508	542689	4.493 ug/ml
20) T n-Hexatriacontane (C36)	19.273	331905	2.886 ug/ml
21) T n-Octatriacontane (C38)	19.980	3190828	28.586 ug/ml
22) T n-Tetracontane (C40)	20.804	1377850	12.092 ug/ml

(f)=RT Delta > 1/2 Window

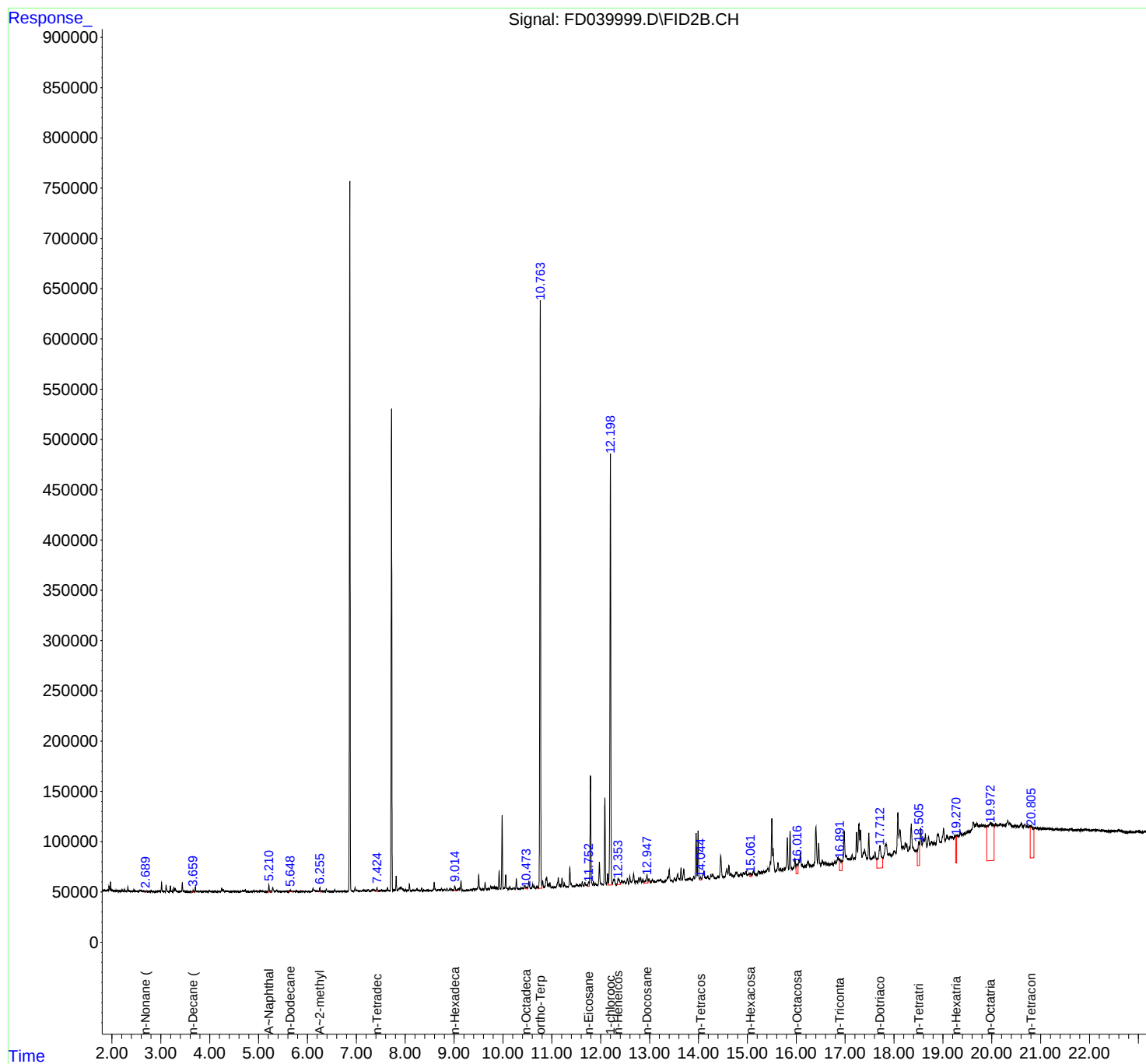
(m)=manual int.

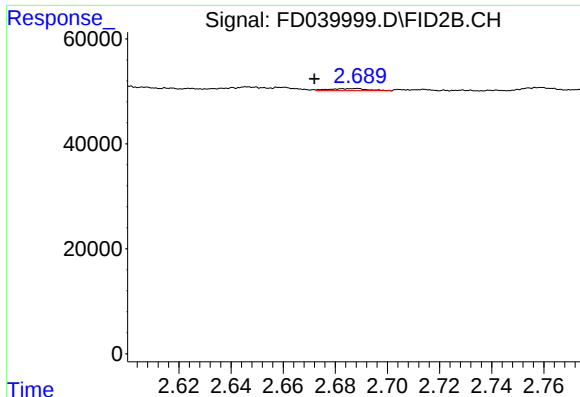
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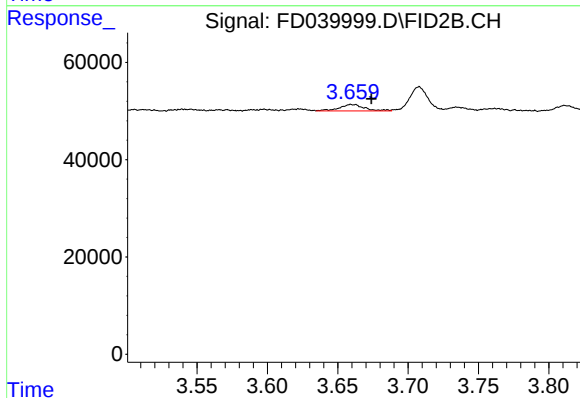




#1 n-Nonane (C9)

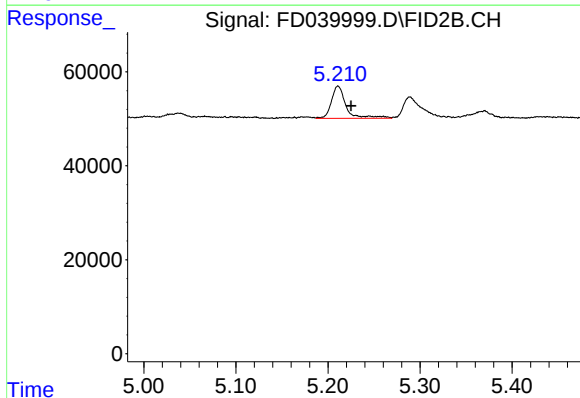
R.T.: 2.686 min
Delta R.T.: 0.014 min
Response: 3956
Conc: 0.03 ug/ml

Instrument :
FID_D
ClientSampleId :



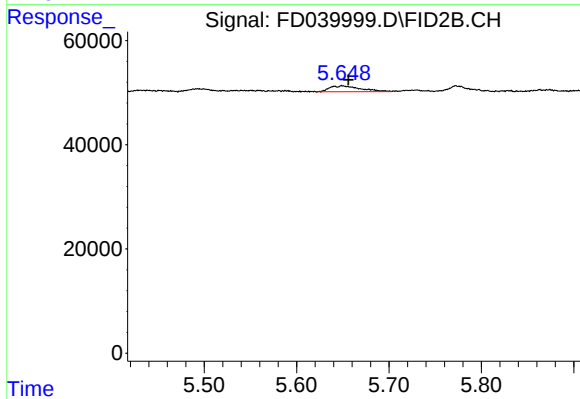
#2 n-Decane (C10)

R.T.: 3.660 min
Delta R.T.: -0.014 min
Response: 16451
Conc: 0.12 ug/ml



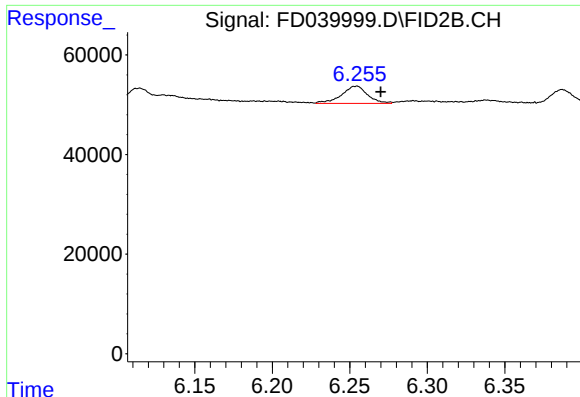
#3 A~Naphthalene (C11.7)

R.T.: 5.211 min
Delta R.T.: -0.014 min
Response: 75589
Conc: 0.47 ug/ml



#4 n-Dodecane (C12)

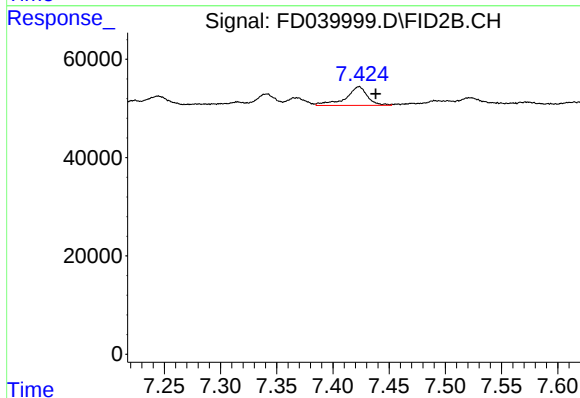
R.T.: 5.650 min
Delta R.T.: -0.006 min
Response: 26036
Conc: 0.18 ug/ml



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

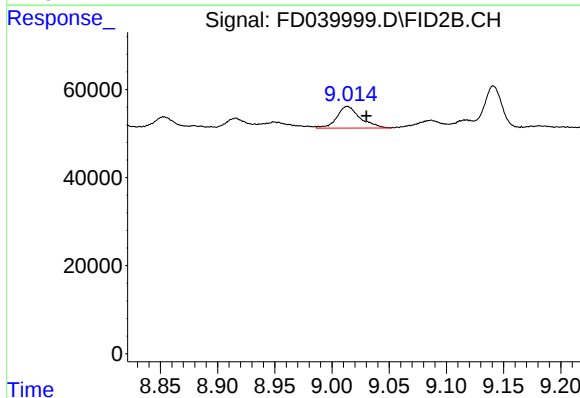
R.T.: 6.254 min
Delta R.T.: -0.016 min
Response: 40636
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



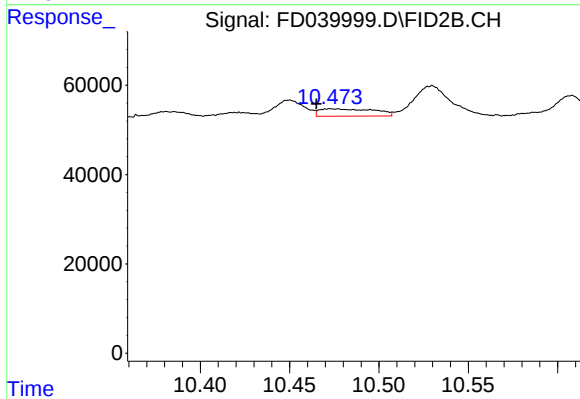
#6 n-Tetradecane (C14)

R.T.: 7.423 min
Delta R.T.: -0.015 min
Response: 50986
Conc: 0.35 ug/ml



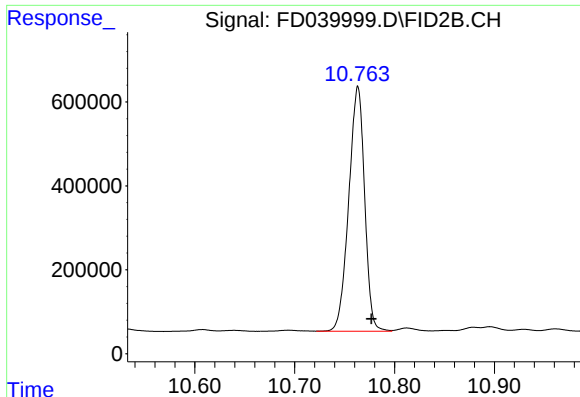
#7 n-Hexadecane (C16)

R.T.: 9.014 min
Delta R.T.: -0.016 min
Response: 70181
Conc: 0.48 ug/ml



#8 n-Octadecane (C18)

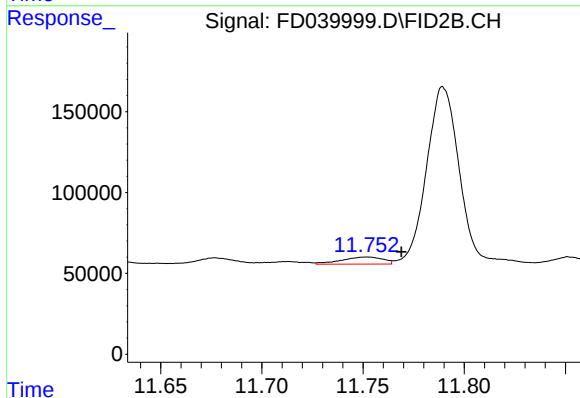
R.T.: 10.474 min
Delta R.T.: 0.009 min
Response: 35013
Conc: 0.24 ug/ml



#9 ortho-Terphenyl (SURR)

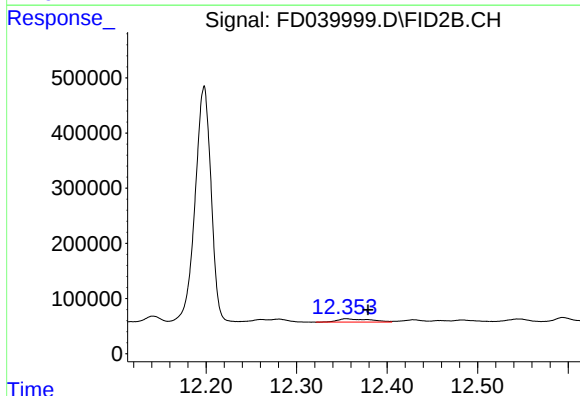
R.T.: 10.763 min
Delta R.T.: -0.014 min
Response: 6445327
Conc: 41.06 ug/ml

Instrument :
FID_D
ClientSampleId :



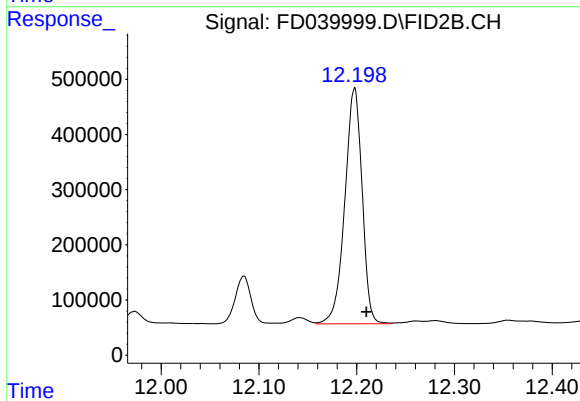
#10 n-Eicosane (C20)

R.T.: 11.752 min
Delta R.T.: -0.017 min
Response: 61072
Conc: 0.42 ug/ml



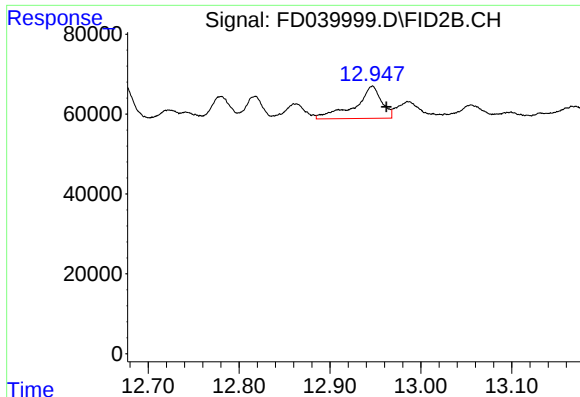
#11 n-Heneicosane (C21)

R.T.: 12.355 min
Delta R.T.: -0.024 min
Response: 149718
Conc: 1.02 ug/ml



#12 1-chlorooctadecane (SURR)

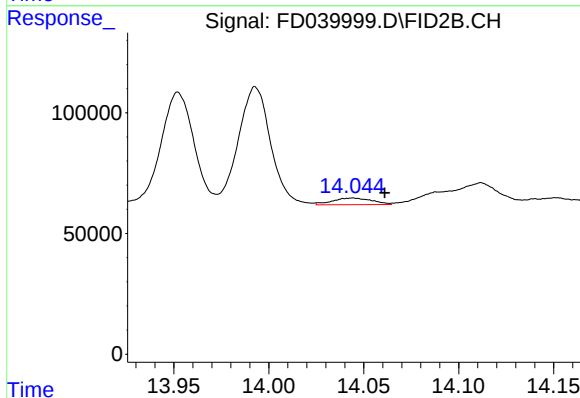
R.T.: 12.198 min
Delta R.T.: -0.012 min
Response: 5257042
Conc: 42.57 ug/ml



#13 n-Docosane (C22)

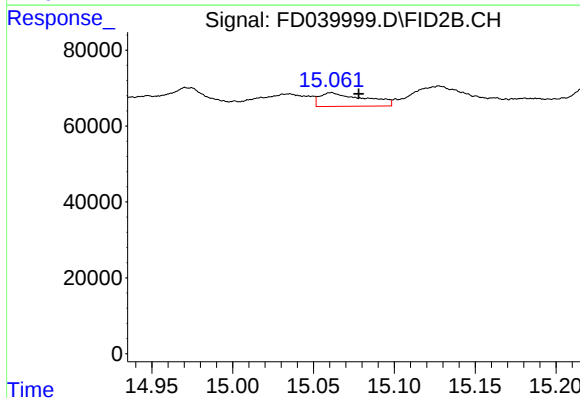
R.T.: 12.946 min
Delta R.T.: -0.016 min
Response: 164032
Conc: 1.12 ug/ml

Instrument :
FID_D
ClientSampleId :



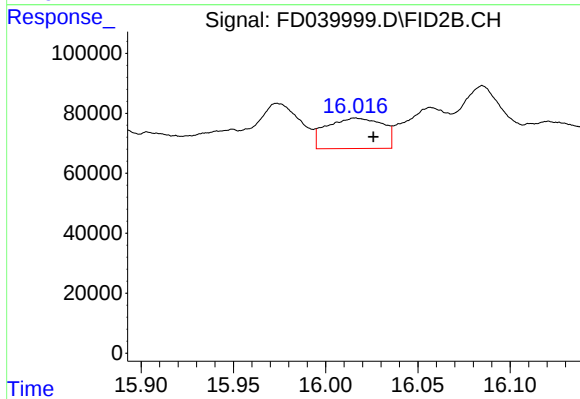
#14 n-Tetracosane (C24)

R.T.: 14.044 min
Delta R.T.: -0.017 min
Response: 39470
Conc: 0.27 ug/ml



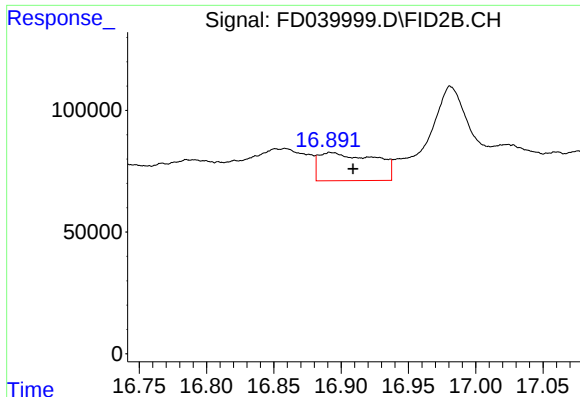
#15 n-Hexacosane (C26)

R.T.: 15.061 min
Delta R.T.: -0.017 min
Response: 69642
Conc: 0.50 ug/ml



#16 n-Octacosane (C28)

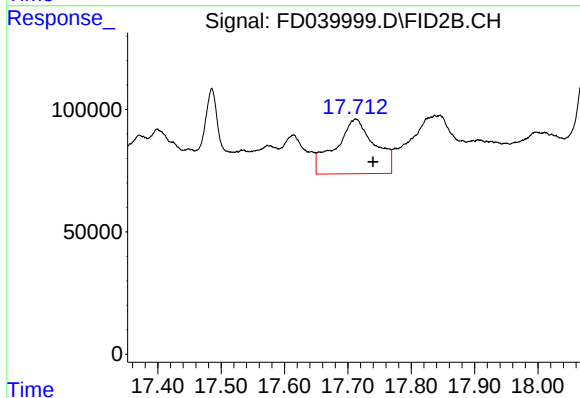
R.T.: 16.017 min
Delta R.T.: -0.009 min
Response: 213588
Conc: 1.57 ug/ml



#17 n-Tricontane (C30)

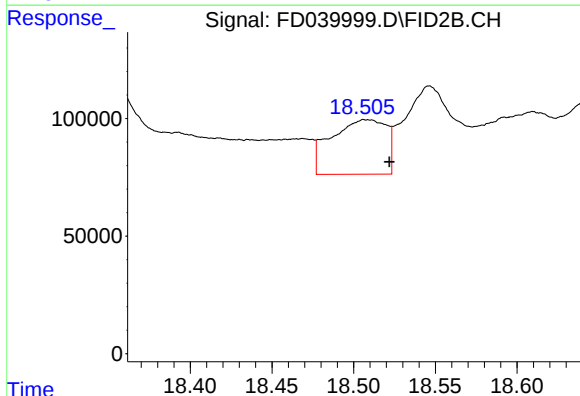
R.T.: 16.893 min
Delta R.T.: -0.016 min
Response: 334394
Conc: 2.56 ug/ml

Instrument :
FID_D
ClientSampleId :



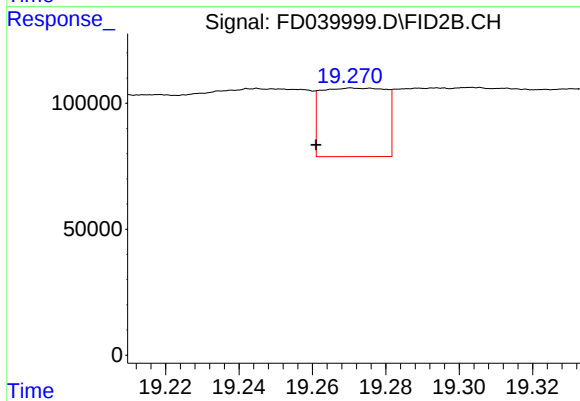
#18 n-Dotriacontane (C32)

R.T.: 17.712 min
Delta R.T.: -0.028 min
Response: 958230
Conc: 7.70 ug/ml



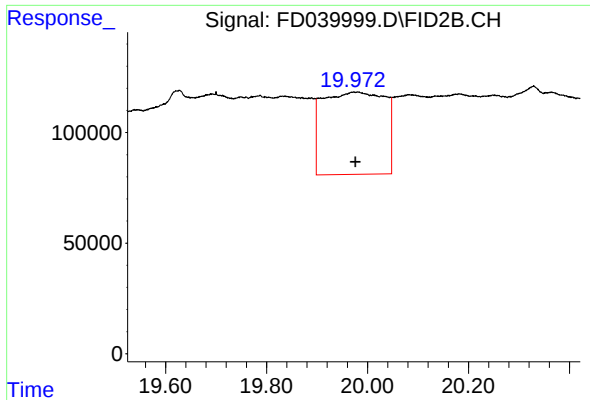
#19 n-Tetratriacontane (C34)

R.T.: 18.508 min
Delta R.T.: -0.014 min
Response: 542689
Conc: 4.49 ug/ml



#20 n-Hexatriacontane (C36)

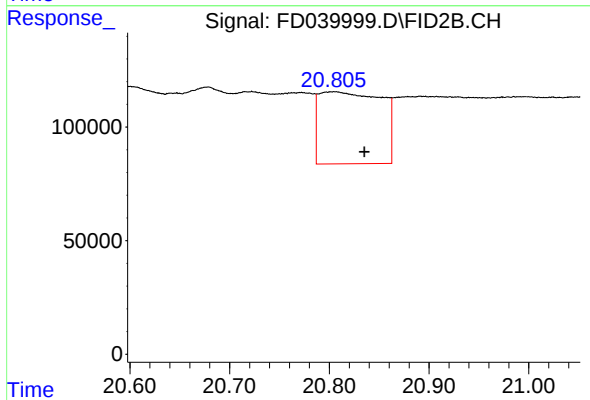
R.T.: 19.273 min
Delta R.T.: 0.012 min
Response: 331905
Conc: 2.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.980 min
Delta R.T.: 0.004 min
Response: 3190828
Conc: 28.59 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.804 min
Delta R.T.: -0.031 min
Response: 1377850
Conc: 12.09 ug/ml