

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD039997.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 14:07
 Operator : AJ\MA
 Sample : M5079-01
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:41:31 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)	10.762	5309063	33.818 ug/ml
Spiked Amount 50.000		Recovery =	67.64%
12) S 1-chlorooctadecane (S...	12.197	4939563	39.999 ug/ml
Spiked Amount 50.000		Recovery =	80.00%
Target Compounds			
1) T n-Nonane (C9)	2.647	12115	0.086 ug/ml
2) T n-Decane (C10)	3.662	15248	0.107 ug/ml
3) T A~Naphthalene (C11.7)	5.213	48982	0.305 ug/ml
4) T n-Dodecane (C12)	5.644	29087	0.204 ug/ml
5) T A~2-methylnaphthalene...	6.254	28324	0.176 ug/ml
6) T n-Tetradecane (C14)	7.424	83880	0.582 ug/ml
7) T n-Hexadecane (C16)	9.014	184629	1.269 ug/ml
8) T n-Octadecane (C18)	10.450	345271	2.320 ug/ml
10) T n-Eicosane (C20)	11.753	457237	3.126 ug/ml
11) T n-Heneicosane (C21)	12.363	469004	3.192 ug/ml
13) T n-Docosane (C22)	12.946	253550	1.736 ug/ml
14) T n-Tetracosane (C24)	14.045	43053	0.296 ug/ml
15) T n-Hexacosane (C26)	15.062	17161	0.122 ug/ml
16) T n-Octacosane (C28)	16.009	20733	0.153 ug/ml
17) T n-Tricontane (C30)	16.895	32361	0.248 ug/ml
18) T n-Dotriacontane (C32)	17.721	69010	0.554 ug/ml
19) T n-Tetratriacontane (C34)	18.508	42195	0.349 ug/ml
20) T n-Hexatriacontane (C36)	19.249	307373	2.673 ug/ml
21) T n-Octatriacontane (C38)	19.966	1039641	9.314 ug/ml
22) T n-Tetracontane (C40)	20.805	45134	0.396 ug/ml

(f)=RT Delta > 1/2 Window

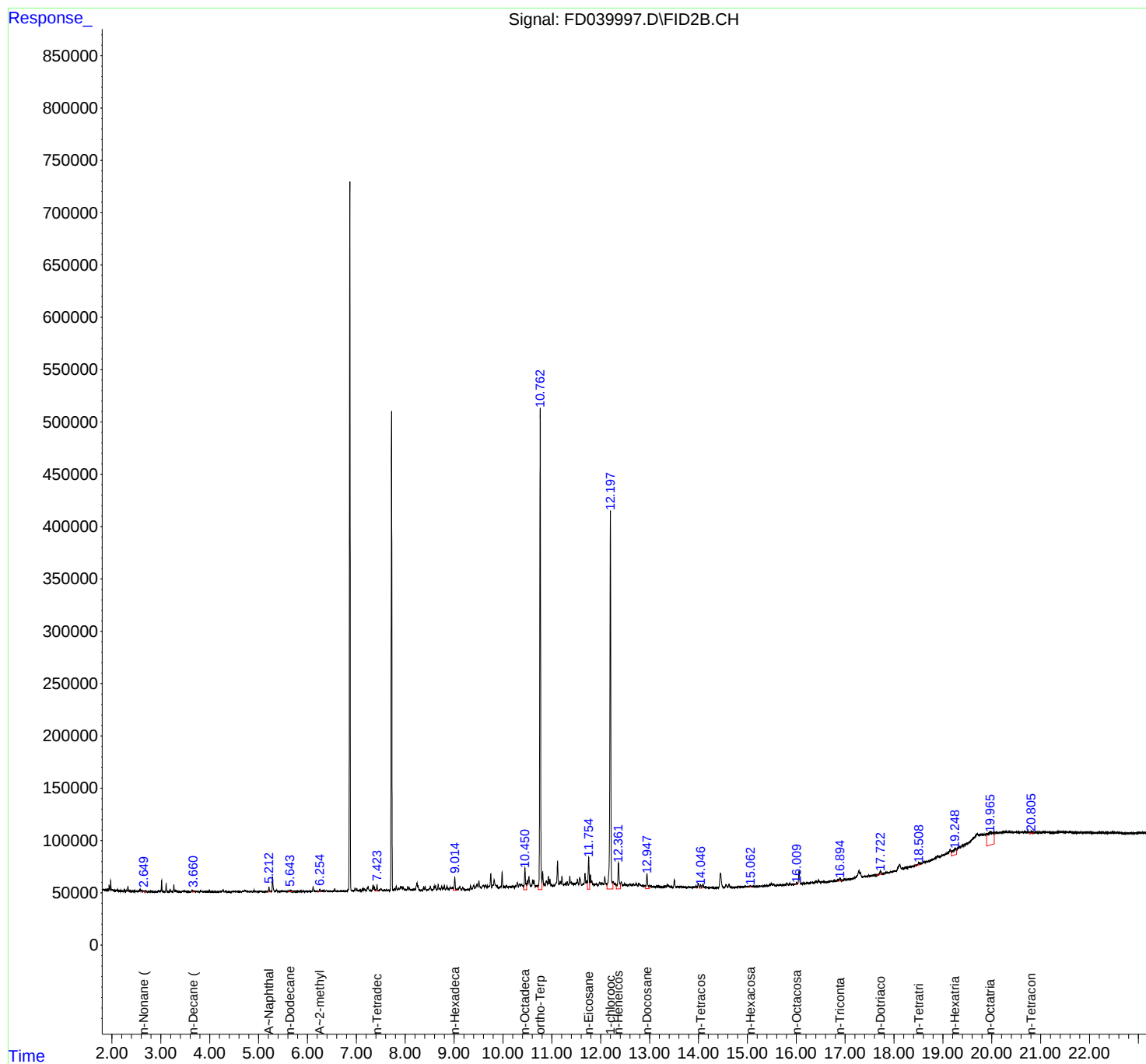
(m)=manual int.

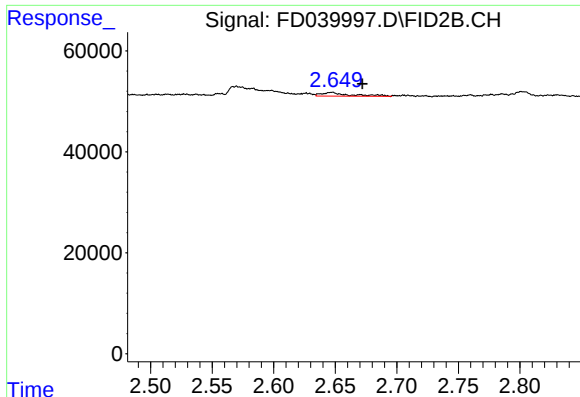
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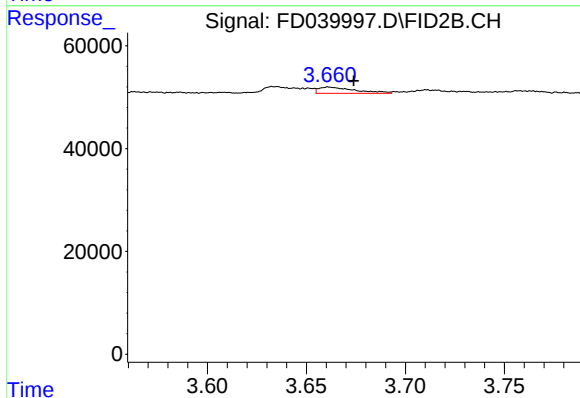




#1 n-Nonane (C9)

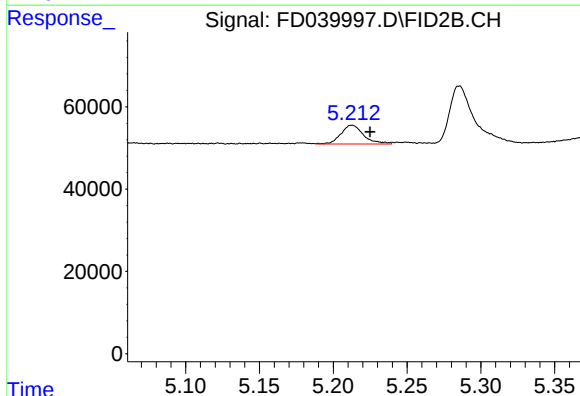
R.T.: 2.647 min
Delta R.T.: -0.025 min
Response: 12115
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



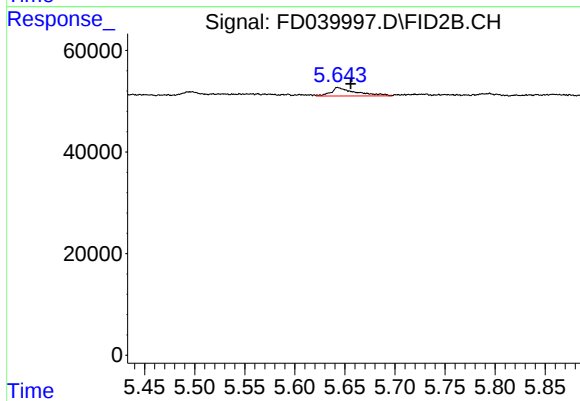
#2 n-Decane (C10)

R.T.: 3.662 min
Delta R.T.: -0.012 min
Response: 15248
Conc: 0.11 ug/ml



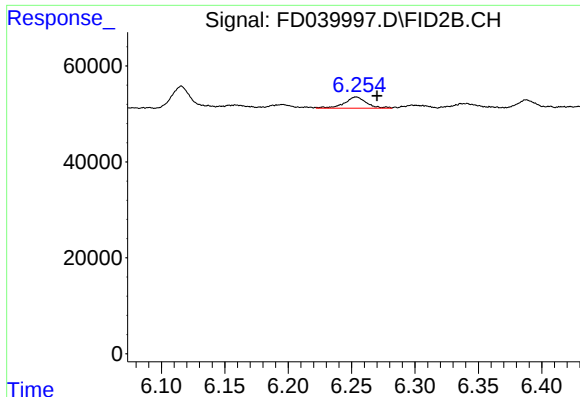
#3 A~Naphthalene (C11.7)

R.T.: 5.213 min
Delta R.T.: -0.012 min
Response: 48982
Conc: 0.31 ug/ml



#4 n-Dodecane (C12)

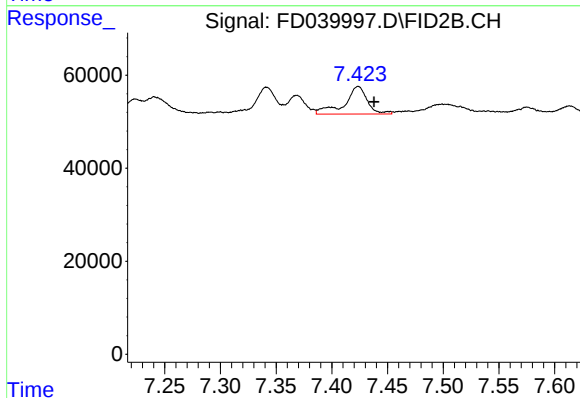
R.T.: 5.644 min
Delta R.T.: -0.011 min
Response: 29087
Conc: 0.20 ug/ml



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

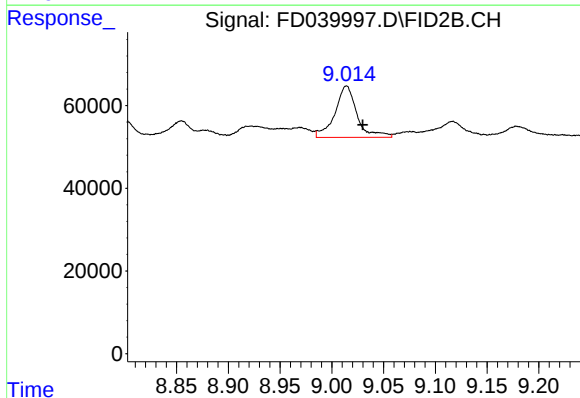
R.T.: 6.254 min
Delta R.T.: -0.016 min
Response: 28324
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



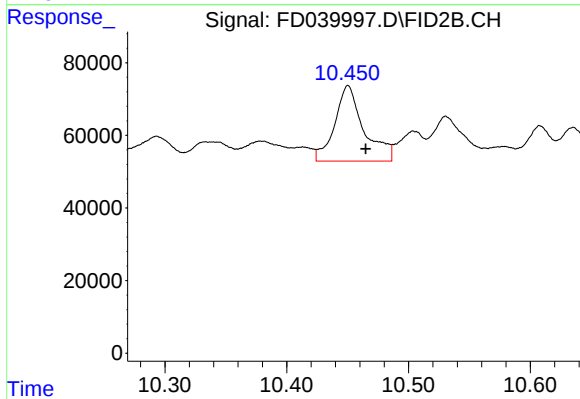
#6 n-Tetradecane (C14)

R.T.: 7.424 min
Delta R.T.: -0.014 min
Response: 83880
Conc: 0.58 ug/ml



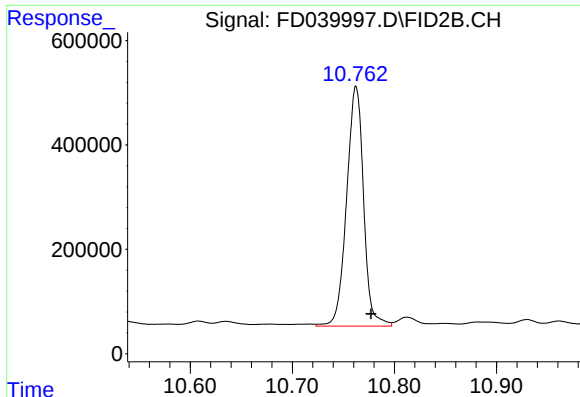
#7 n-Hexadecane (C16)

R.T.: 9.014 min
Delta R.T.: -0.016 min
Response: 184629
Conc: 1.27 ug/ml



#8 n-Octadecane (C18)

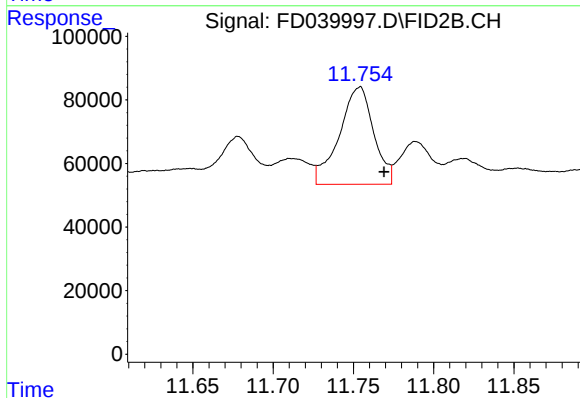
R.T.: 10.450 min
Delta R.T.: -0.015 min
Response: 345271
Conc: 2.32 ug/ml



#9 ortho-Terphenyl (SURR)

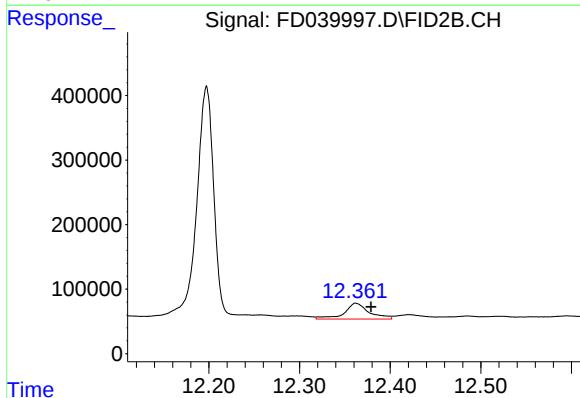
R.T.: 10.762 min
Delta R.T.: -0.015 min
Response: 5309063
Conc: 33.82 ug/ml

Instrument :
FID_D
ClientSampleId :



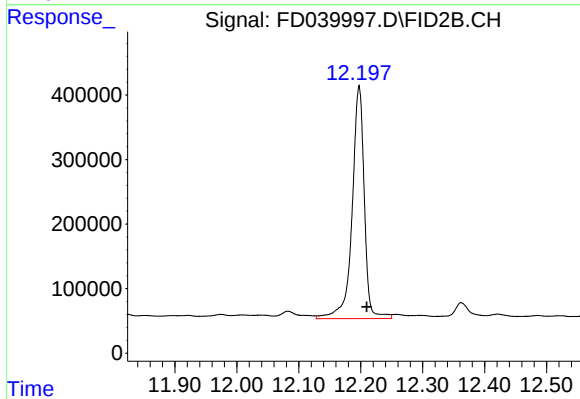
#10 n-Eicosane (C20)

R.T.: 11.753 min
Delta R.T.: -0.016 min
Response: 457237
Conc: 3.13 ug/ml



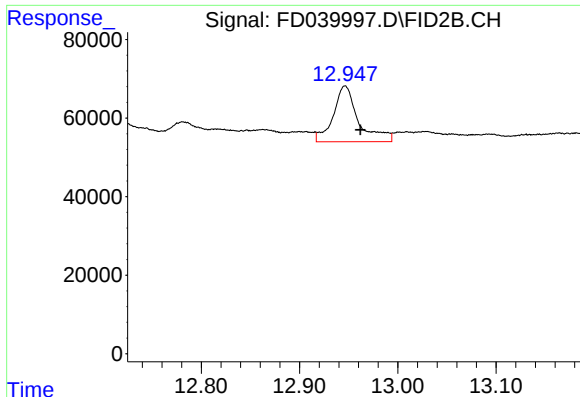
#11 n-Heneicosane (C21)

R.T.: 12.363 min
Delta R.T.: -0.016 min
Response: 469004
Conc: 3.19 ug/ml



#12 1-chlorooctadecane (SURR)

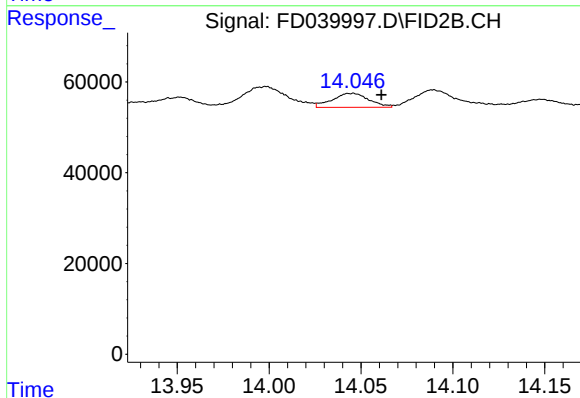
R.T.: 12.197 min
Delta R.T.: -0.013 min
Response: 4939563
Conc: 40.00 ug/ml



#13 n-Docosane (C22)

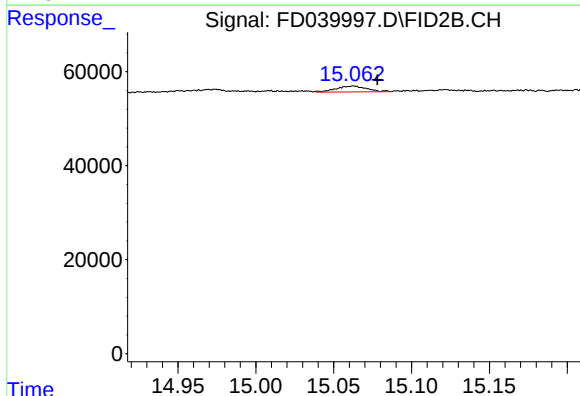
R.T.: 12.946 min
Delta R.T.: -0.016 min
Response: 253550
Conc: 1.74 ug/ml

Instrument :
FID_D
ClientSampleId :



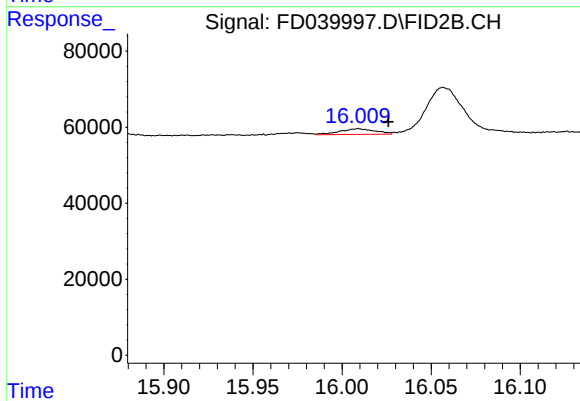
#14 n-Tetracosane (C24)

R.T.: 14.045 min
Delta R.T.: -0.016 min
Response: 43053
Conc: 0.30 ug/ml



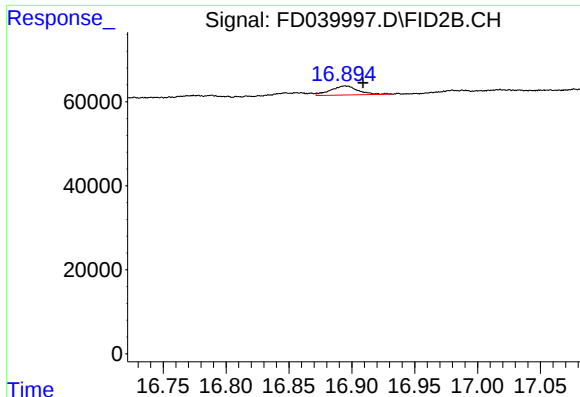
#15 n-Hexacosane (C26)

R.T.: 15.062 min
Delta R.T.: -0.016 min
Response: 17161
Conc: 0.12 ug/ml



#16 n-Octacosane (C28)

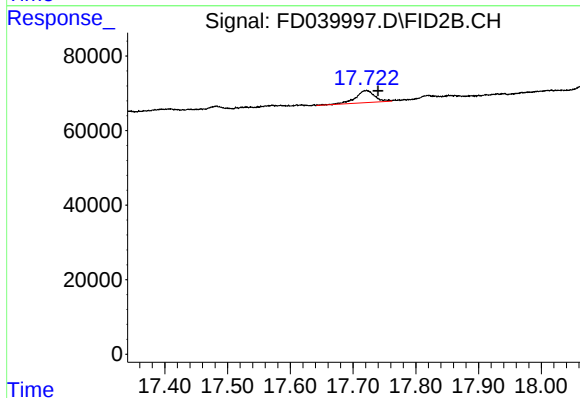
R.T.: 16.009 min
Delta R.T.: -0.017 min
Response: 20733
Conc: 0.15 ug/ml



#17 n-Tricontane (C30)

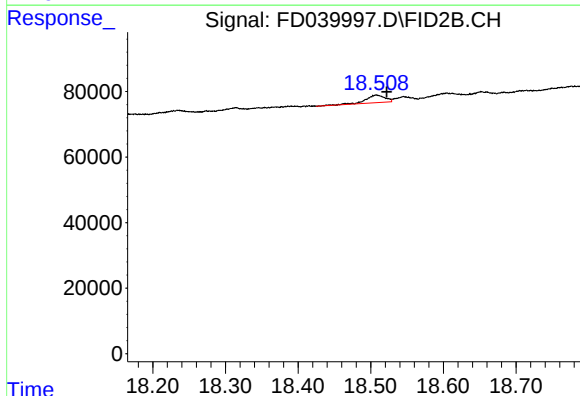
R.T.: 16.895 min
Delta R.T.: -0.014 min
Response: 32361
Conc: 0.25 ug/ml

Instrument :
FID_D
ClientSampleId :



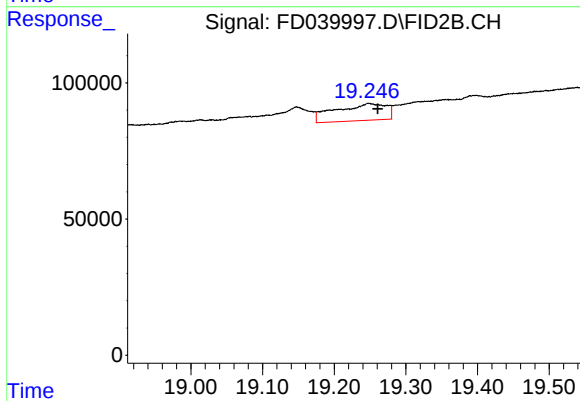
#18 n-Dotriacontane (C32)

R.T.: 17.721 min
Delta R.T.: -0.019 min
Response: 69010
Conc: 0.55 ug/ml



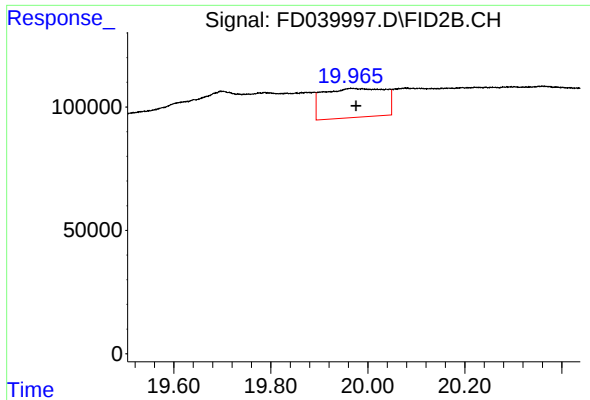
#19 n-Tetratriacontane (C34)

R.T.: 18.508 min
Delta R.T.: -0.014 min
Response: 42195
Conc: 0.35 ug/ml



#20 n-Hexatriacontane (C36)

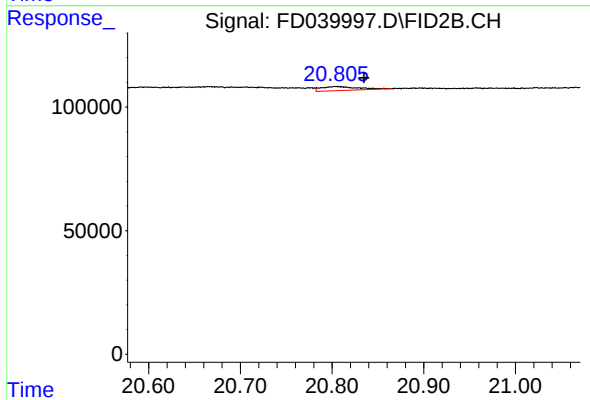
R.T.: 19.249 min
Delta R.T.: -0.012 min
Response: 307373
Conc: 2.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.966 min
Delta R.T.: -0.010 min
Response: 1039641
Conc: 9.31 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.805 min
Delta R.T.: -0.030 min
Response: 45134
Conc: 0.40 ug/ml