

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121721AL\
 Data File : FD039995.D
 Signal(s) : FID2B.CH
 Acq On : 17 Dec 2021 13:00
 Operator : AJ\MA
 Sample : M5078-01
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 23:40:41 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)	10.764	6271911	39.952 ug/ml
Spiked Amount 50.000		Recovery =	79.90%
12) S 1-chlorooctadecane (S...	12.198	5191424	42.038 ug/ml
Spiked Amount 50.000		Recovery =	84.08%
Target Compounds			
1) T n-Nonane (C9)	2.687	6175	0.044 ug/ml
2) T n-Decane (C10)	3.662	15396	0.108 ug/ml
3) T A~Naphthalene (C11.7)	5.213	57045	0.355 ug/ml
4) T n-Dodecane (C12)	5.665	19242	0.135 ug/ml
5) T A~2-methylnaphthalene...	6.255	48083	0.298 ug/ml
6) T n-Tetradecane (C14)	7.424	48262	0.335 ug/ml
7) T n-Hexadecane (C16)	9.015	131047	0.901 ug/ml
8) T n-Octadecane (C18)	10.452	111266	0.748 ug/ml
10) T n-Eicosane (C20)	11.754	126418	0.864 ug/ml
11) T n-Heneicosane (C21)	12.361	186659	1.270 ug/ml
13) T n-Docosane (C22)	12.947	107951	0.739 ug/ml
14) T n-Tetracosane (C24)	14.046	23201	0.159 ug/ml
15) T n-Hexacosane (C26)	15.062	32651	0.233 ug/ml
16) T n-Octacosane (C28)	16.017	65574	0.483 ug/ml
17) T n-Tricontane (C30)	16.895	72297	0.553 ug/ml
18) T n-Dotriacontane (C32)	17.721	100140	0.805 ug/ml
19) T n-Tetratriacontane (C34)	18.509	42367	0.351 ug/ml
20) T n-Hexatriacontane (C36)	19.249	303175	2.636 ug/ml
21) T n-Octatriacontane (C38)	19.969	982544	8.802 ug/ml
22) T n-Tetracontane (C40)	20.809	107567	0.944 ug/ml

(f)=RT Delta > 1/2 Window

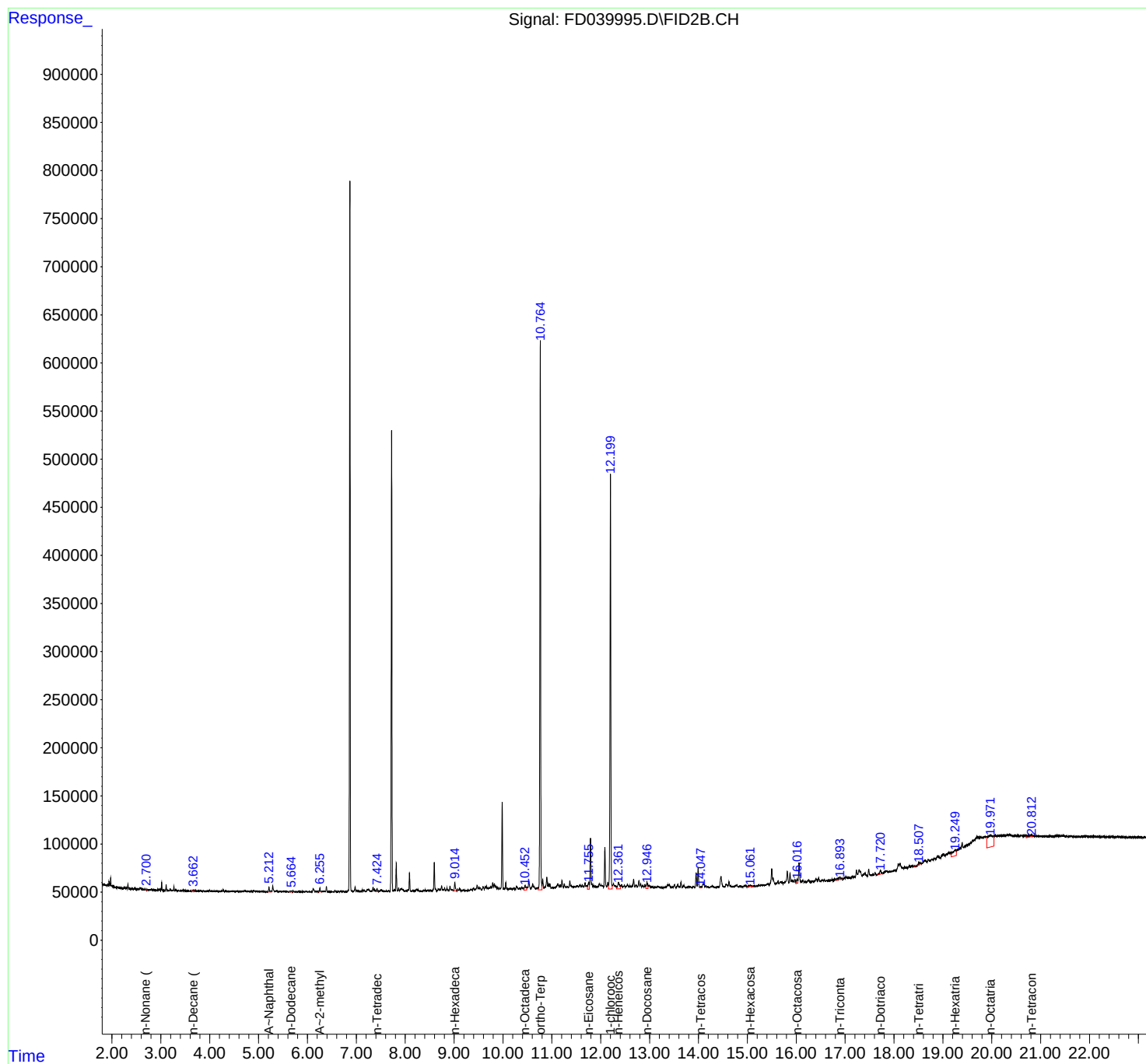
(m)=manual int.

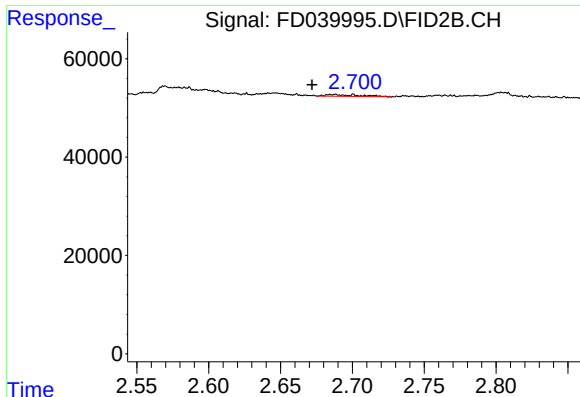
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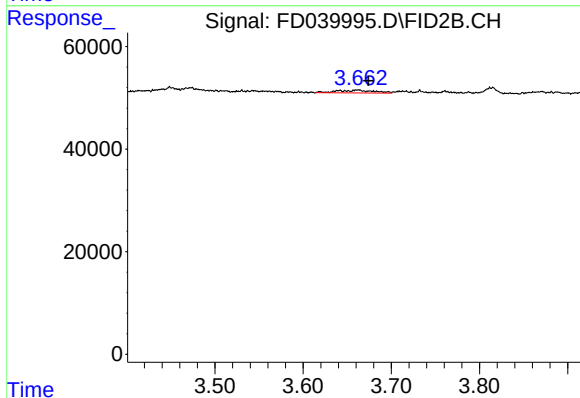




#1 n-Nonane (C9)

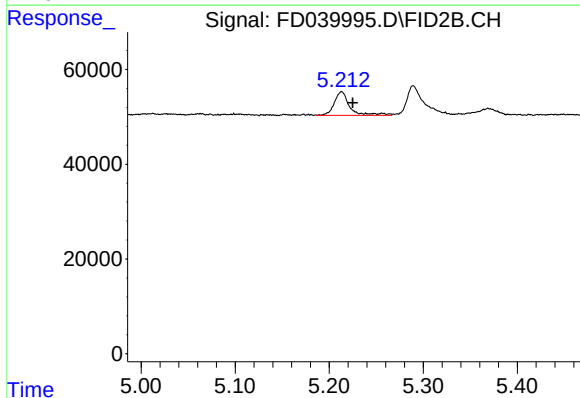
R.T.: 2.687 min
Delta R.T.: 0.015 min
Response: 6175
Conc: 0.04 ug/ml

Instrument :
FID_D
ClientSampleId :



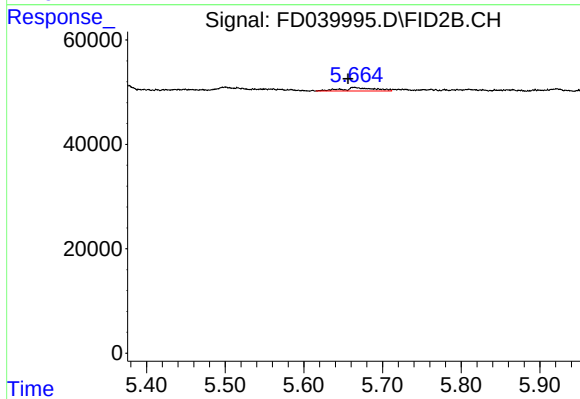
#2 n-Decane (C10)

R.T.: 3.662 min
Delta R.T.: -0.012 min
Response: 15396
Conc: 0.11 ug/ml



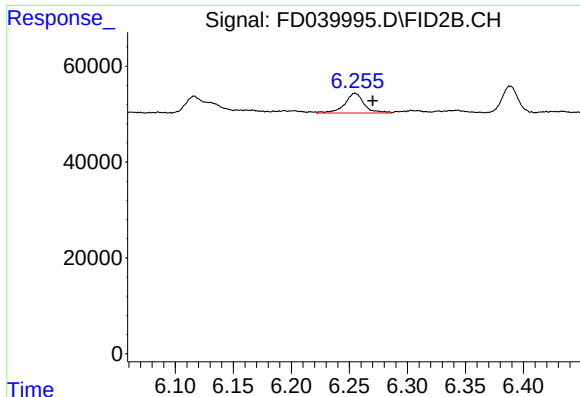
#3 A~Naphthalene (C11.7)

R.T.: 5.213 min
Delta R.T.: -0.012 min
Response: 57045
Conc: 0.36 ug/ml



#4 n-Dodecane (C12)

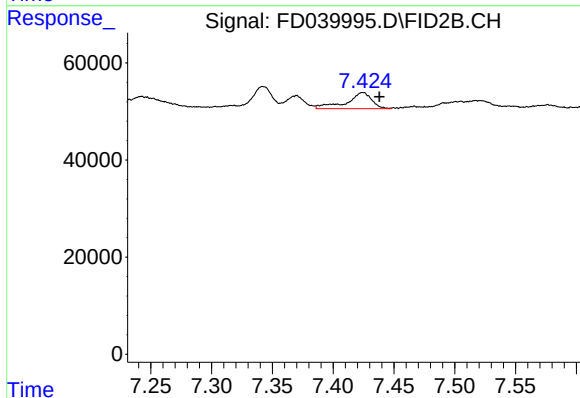
R.T.: 5.665 min
Delta R.T.: 0.009 min
Response: 19242
Conc: 0.13 ug/ml



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

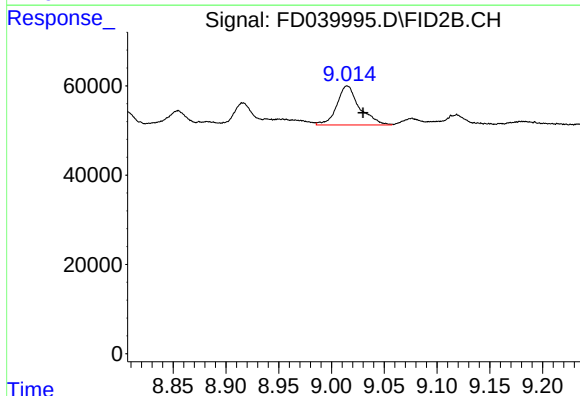
R.T.: 6.255 min
Delta R.T.: -0.015 min
Response: 48083
Conc: 0.30 ug/ml

Instrument :
FID_D
ClientSampleId :



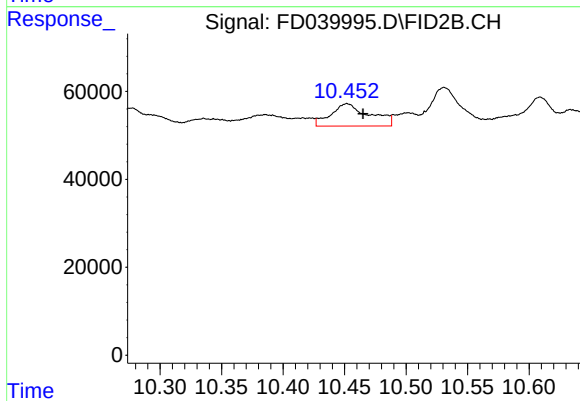
#6 n-Tetradecane (C14)

R.T.: 7.424 min
Delta R.T.: -0.014 min
Response: 48262
Conc: 0.33 ug/ml



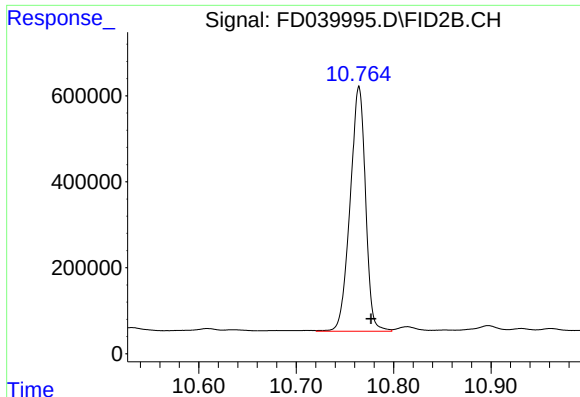
#7 n-Hexadecane (C16)

R.T.: 9.015 min
Delta R.T.: -0.015 min
Response: 131047
Conc: 0.90 ug/ml



#8 n-Octadecane (C18)

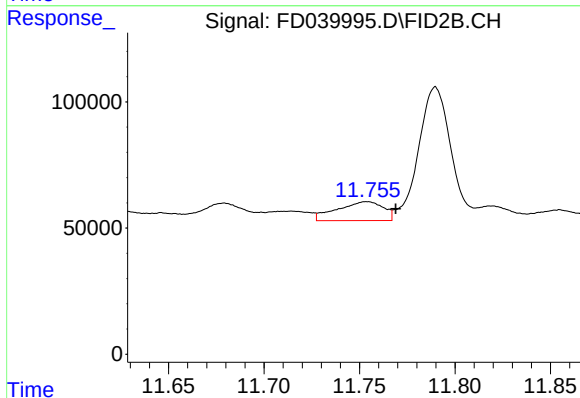
R.T.: 10.452 min
Delta R.T.: -0.013 min
Response: 111266
Conc: 0.75 ug/ml



#9 ortho-Terphenyl (SURR)

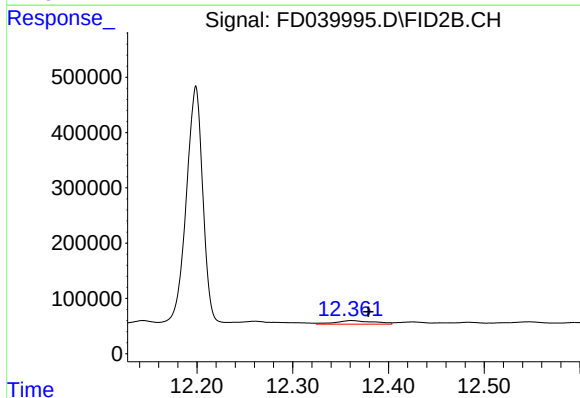
R.T.: 10.764 min
Delta R.T.: -0.013 min
Response: 6271911
Conc: 39.95 ug/ml

Instrument :
FID_D
ClientSampleId :



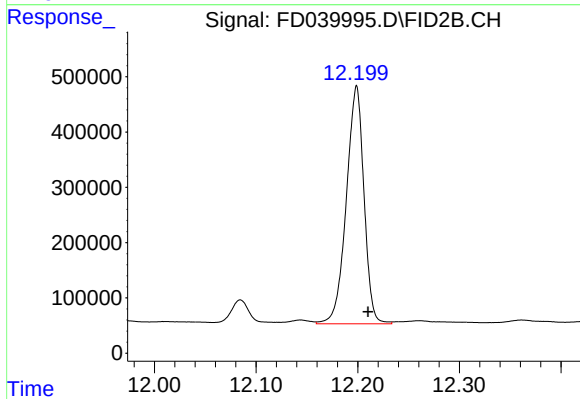
#10 n-Eicosane (C20)

R.T.: 11.754 min
Delta R.T.: -0.015 min
Response: 126418
Conc: 0.86 ug/ml



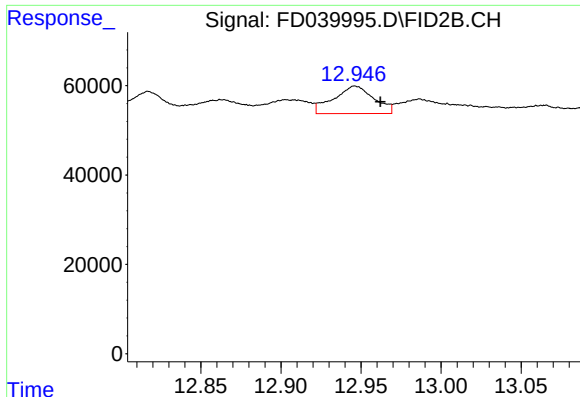
#11 n-Heneicosane (C21)

R.T.: 12.361 min
Delta R.T.: -0.018 min
Response: 186659
Conc: 1.27 ug/ml



#12 1-chlorooctadecane (SURR)

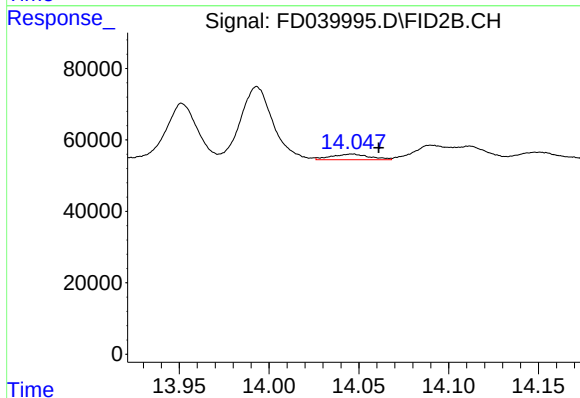
R.T.: 12.198 min
Delta R.T.: -0.012 min
Response: 5191424
Conc: 42.04 ug/ml



#13 n-Docosane (C22)

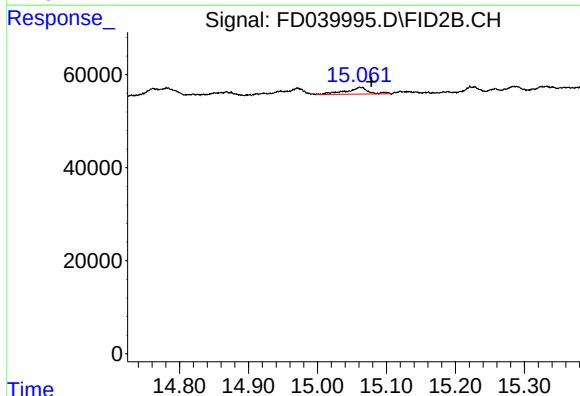
R.T.: 12.947 min
Delta R.T.: -0.015 min
Response: 107951
Conc: 0.74 ug/ml

Instrument :
FID_D
ClientSampleId :



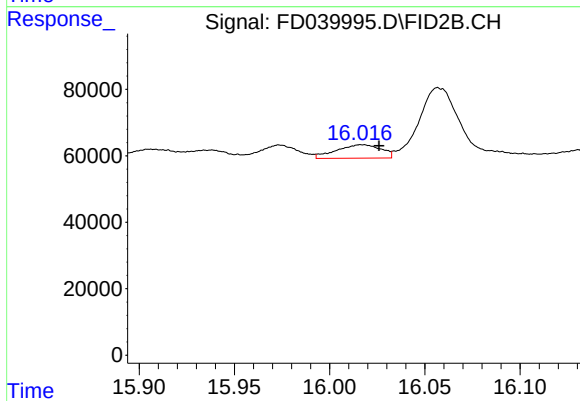
#14 n-Tetracosane (C24)

R.T.: 14.046 min
Delta R.T.: -0.015 min
Response: 23201
Conc: 0.16 ug/ml



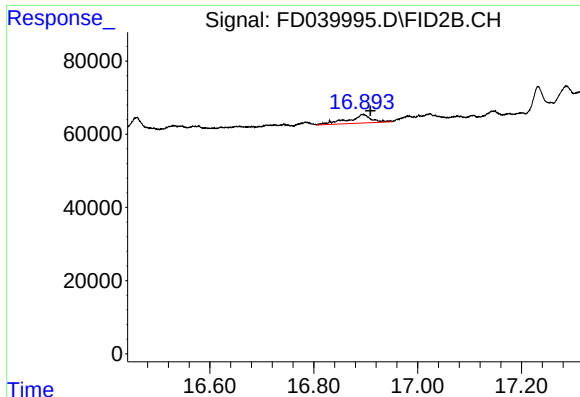
#15 n-Hexacosane (C26)

R.T.: 15.062 min
Delta R.T.: -0.016 min
Response: 32651
Conc: 0.23 ug/ml



#16 n-Octacosane (C28)

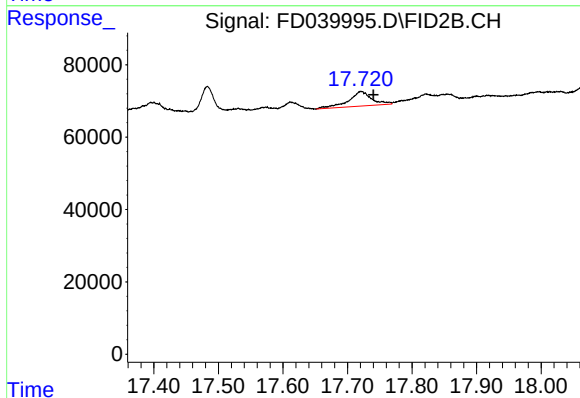
R.T.: 16.017 min
Delta R.T.: -0.009 min
Response: 65574
Conc: 0.48 ug/ml



#17 n-Tricontane (C30)

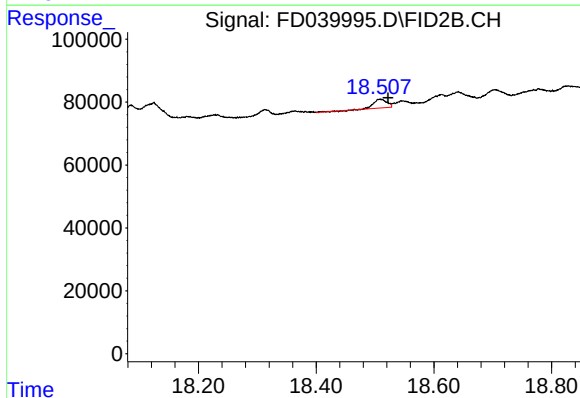
R.T.: 16.895 min
Delta R.T.: -0.014 min
Response: 72297
Conc: 0.55 ug/ml

Instrument :
FID_D
ClientSampleId :



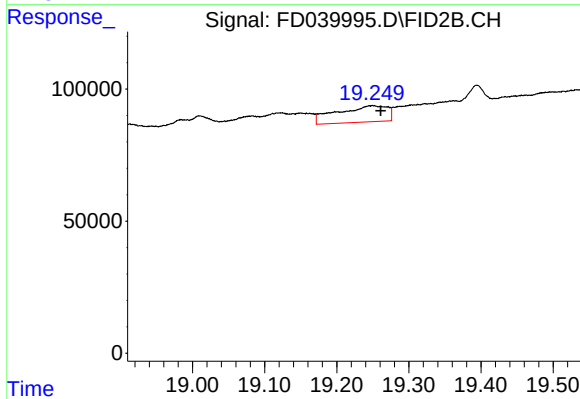
#18 n-Dotriacontane (C32)

R.T.: 17.721 min
Delta R.T.: -0.019 min
Response: 100140
Conc: 0.80 ug/ml



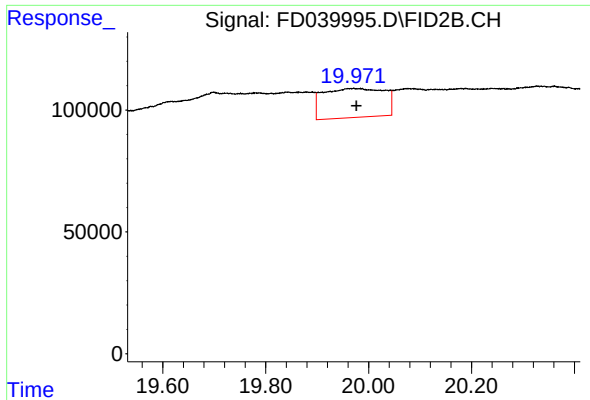
#19 n-Tetratriacontane (C34)

R.T.: 18.509 min
Delta R.T.: -0.013 min
Response: 42367
Conc: 0.35 ug/ml



#20 n-Hexatriacontane (C36)

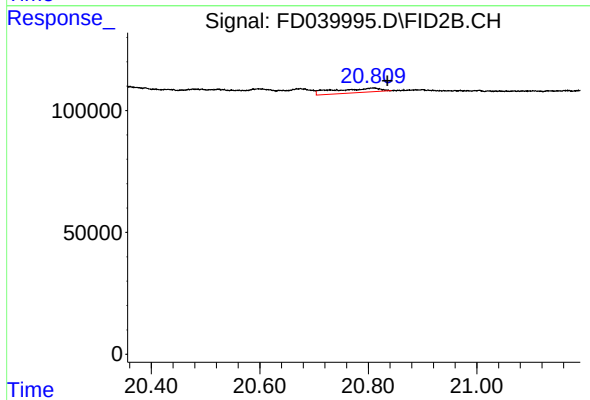
R.T.: 19.249 min
Delta R.T.: -0.012 min
Response: 303175
Conc: 2.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.969 min
Delta R.T.: -0.007 min
Response: 982544
Conc: 8.80 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.809 min
Delta R.T.: -0.026 min
Response: 107567
Conc: 0.94 ug/ml