

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057579.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 19:34
 Operator : AJ\MA
 Sample : M5044-04DL 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:33:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.861	150401	1.081 ug/ml
Spiked Amount 50.000		Recovery =	2.16%
12) S 1-chlorooctadecane (S...	12.296	112264	1.014 ug/ml
Spiked Amount 50.000		Recovery =	2.03%
Target Compounds			
1) T n-Nonane (C9)	2.705	104482	0.846 ug/ml
2) T n-Decane (C10)	3.728	208224	1.672 ug/ml
3) T A~Naphthalene (C11.7)	5.268	2136781	15.402 ug/ml
4) T n-Dodecane (C12)	5.667	1169571	9.471 ug/ml
5) T A~2-methylnaphthalene...	6.327	546038	3.905 ug/ml
6) T n-Tetradecane (C14)	7.500	157620	1.273 ug/ml
7) T n-Hexadecane (C16)	9.113	53099	0.423 ug/ml
8) T n-Octadecane (C18)	10.550	74639	0.577 ug/ml
10) T n-Eicosane (C20)	11.844	191236	1.472 ug/ml
11) T n-Heneicosane (C21)	12.477	84612	0.645 ug/ml
13) T n-Docosane (C22)	13.046	40625	0.309 ug/ml
14) T n-Tetracosane (C24)	14.145	30235	0.227 ug/ml
15) T n-Hexacosane (C26)	15.180	10238	0.078 ug/ml
16) T n-Octacosane (C28)	16.071	34374	0.261 ug/ml
17) T n-Tricontane (C30)	16.958	278555	2.038 ug/ml
18) T n-Dotriacontane (C32)	17.791	953663	7.113 ug/ml
19) T n-Tetratriacontane (C34)	18.622	396218	3.039 ug/ml
20) T n-Hexatriacontane (C36)	19.318	4638069	39.061 ug/ml
21) T n-Octatriacontane (C38)	20.038	10462082	95.256 ug/ml
22) T n-Tetracontane (C40)	20.991	2503144	25.071 ug/ml

(f)=RT Delta > 1/2 Window

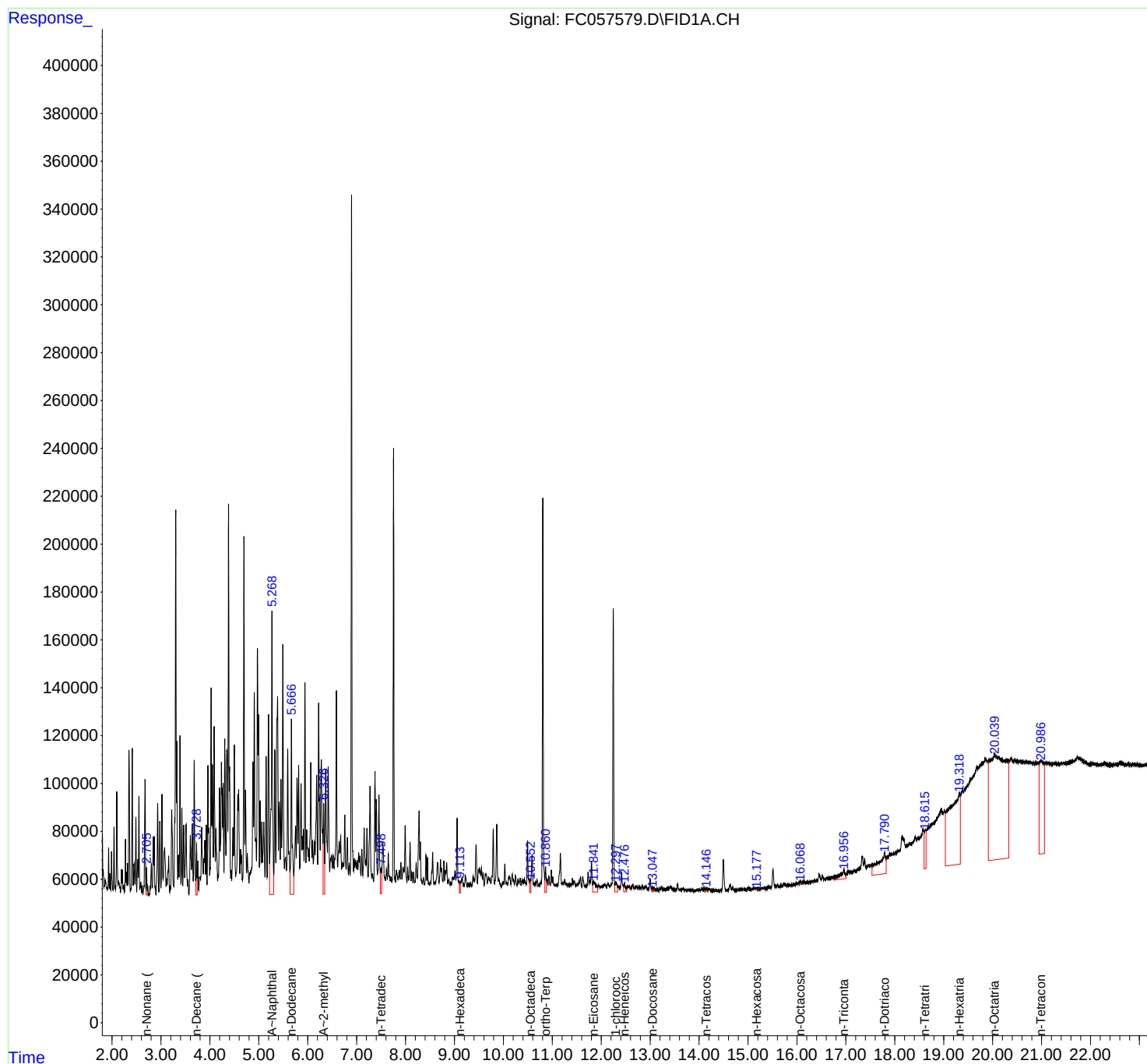
(m)=manual int.

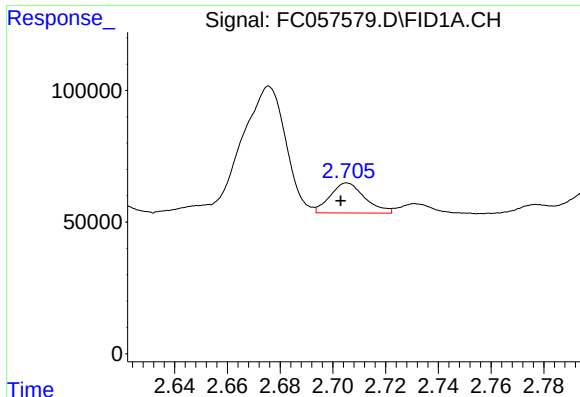
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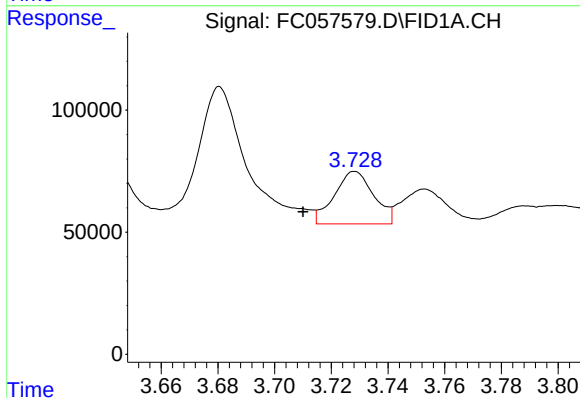




#1 n-Nonane (C9)

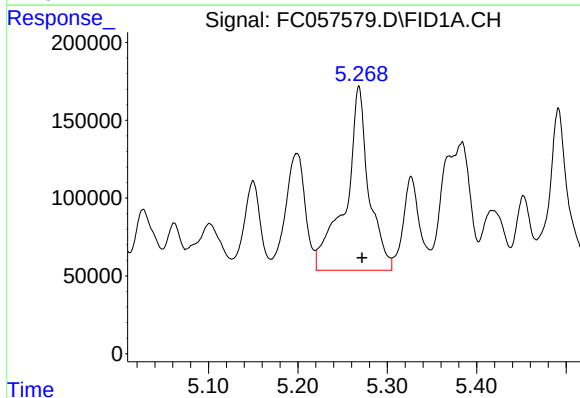
R.T.: 2.705 min
Delta R.T.: 0.002 min
Response: 104482
Conc: 0.85 ug/ml

Instrument :
FID_C
ClientSampleId :



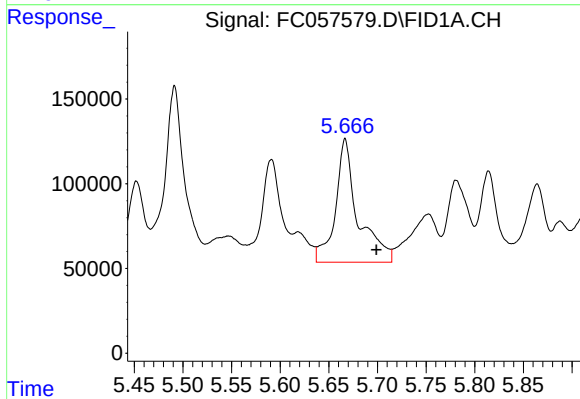
#2 n-Decane (C10)

R.T.: 3.728 min
Delta R.T.: 0.018 min
Response: 208224
Conc: 1.67 ug/ml



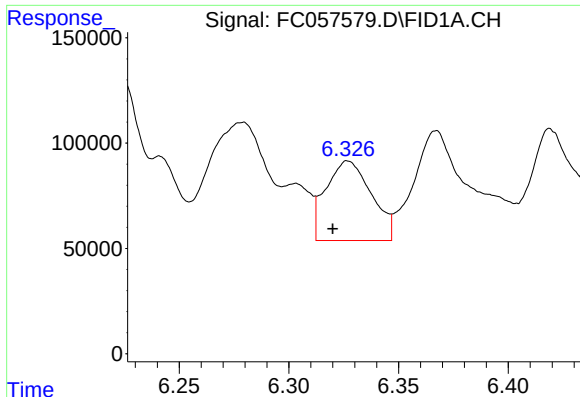
#3 A~Naphthalene (C11.7)

R.T.: 5.268 min
Delta R.T.: -0.004 min
Response: 2136781
Conc: 15.40 ug/ml



#4 n-Dodecane (C12)

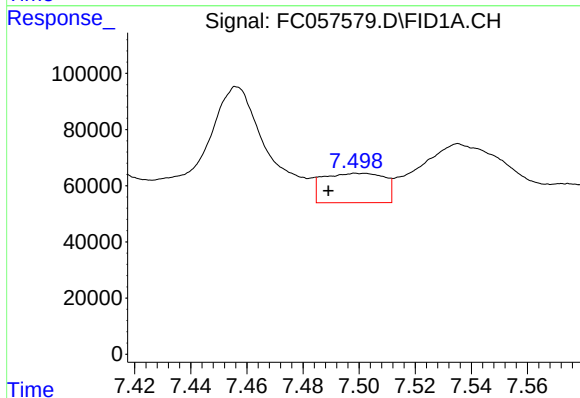
R.T.: 5.667 min
Delta R.T.: -0.032 min
Response: 1169571
Conc: 9.47 ug/ml



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

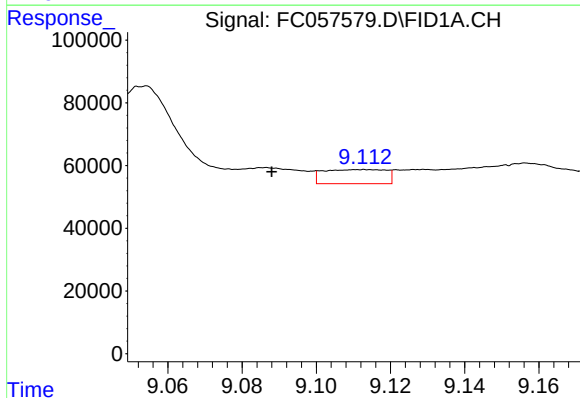
R.T.: 6.327 min
Delta R.T.: 0.007 min
Response: 546038
Conc: 3.90 ug/ml

Instrument :
FID_C
ClientSampleId :



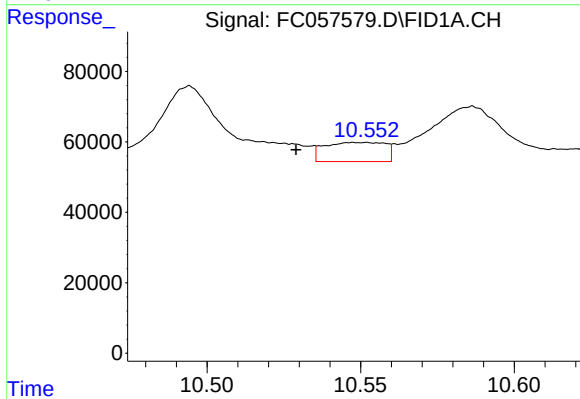
#6 n-Tetradecane (C14)

R.T.: 7.500 min
Delta R.T.: 0.011 min
Response: 157620
Conc: 1.27 ug/ml



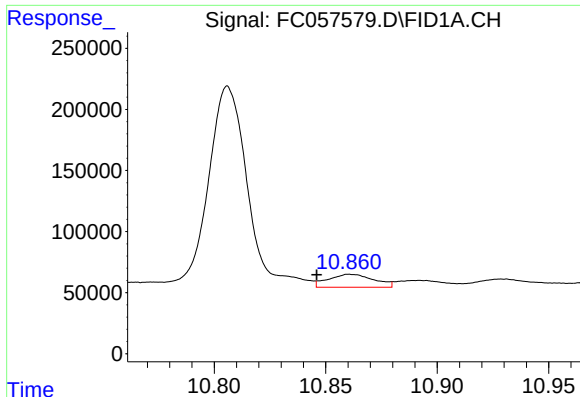
#7 n-Hexadecane (C16)

R.T.: 9.113 min
Delta R.T.: 0.025 min
Response: 53099
Conc: 0.42 ug/ml



#8 n-Octadecane (C18)

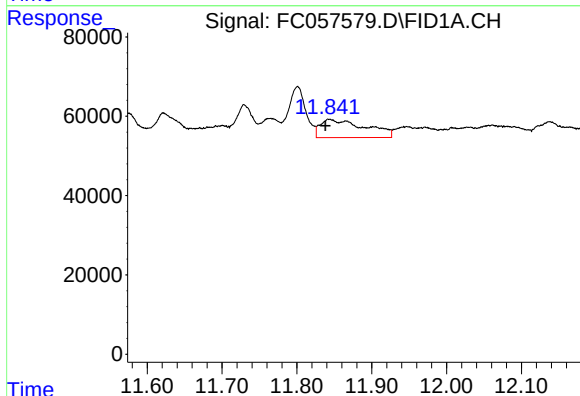
R.T.: 10.550 min
Delta R.T.: 0.021 min
Response: 74639
Conc: 0.58 ug/ml



#9 ortho-Terphenyl (SURR)

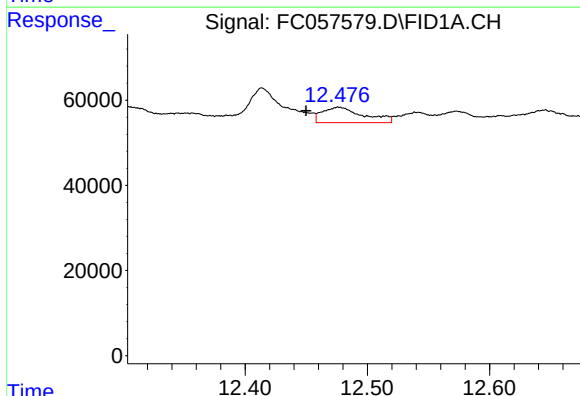
R.T.: 10.861 min
Delta R.T.: 0.015 min
Response: 150401
Conc: 1.08 ug/ml

Instrument :
FID_C
ClientSampleId :



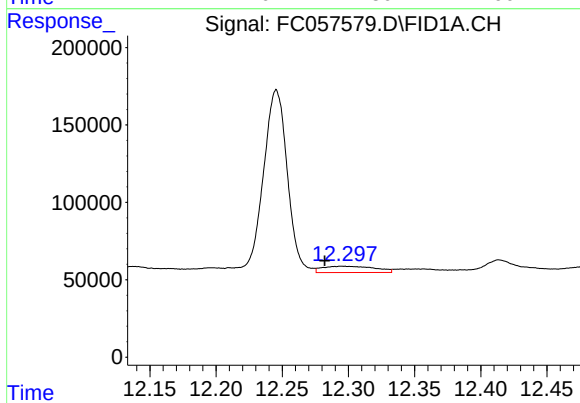
#10 n-Eicosane (C20)

R.T.: 11.844 min
Delta R.T.: 0.006 min
Response: 191236
Conc: 1.47 ug/ml



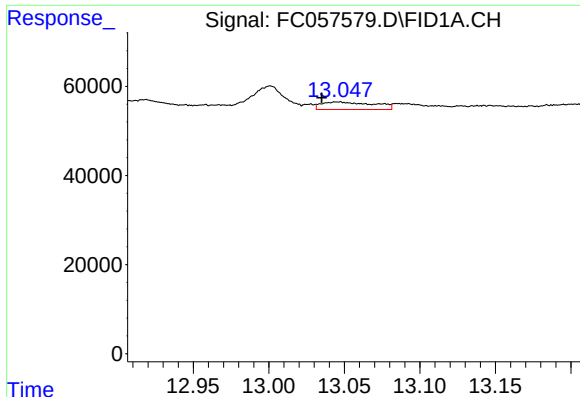
#11 n-Heneicosane (C21)

R.T.: 12.477 min
Delta R.T.: 0.027 min
Response: 84612
Conc: 0.64 ug/ml



#12 1-chlorooctadecane (SURR)

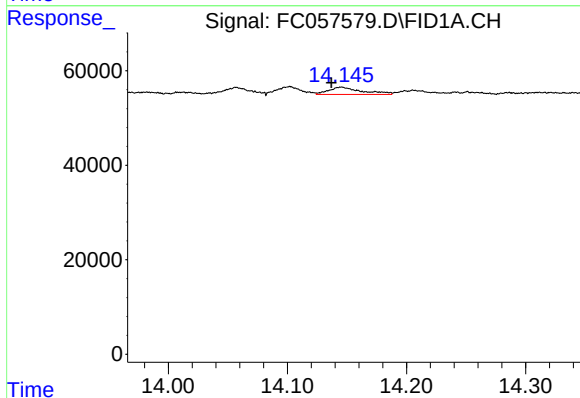
R.T.: 12.296 min
Delta R.T.: 0.014 min
Response: 112264
Conc: 1.01 ug/ml



#13 n-Docosane (C22)

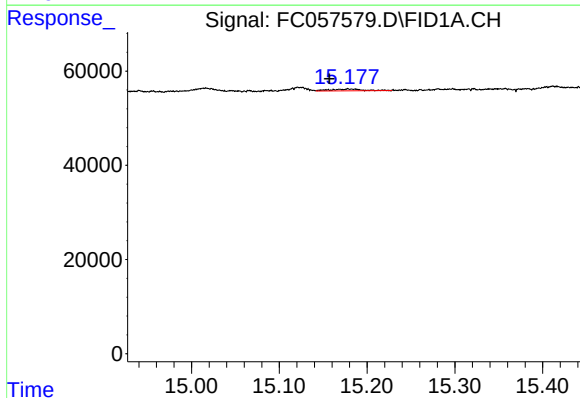
R.T.: 13.046 min
Delta R.T.: 0.011 min
Response: 40625
Conc: 0.31 ug/ml

Instrument :
FID_C
ClientSampleId :



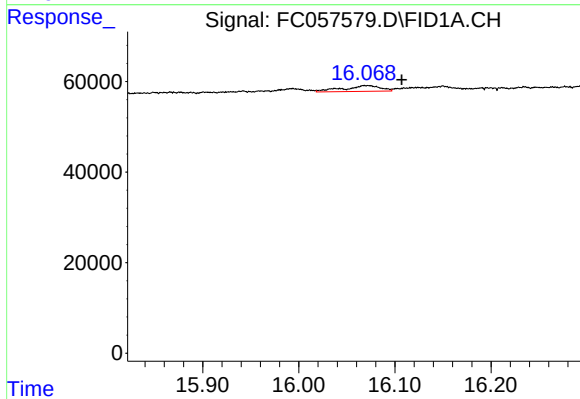
#14 n-Tetracosane (C24)

R.T.: 14.145 min
Delta R.T.: 0.008 min
Response: 30235
Conc: 0.23 ug/ml



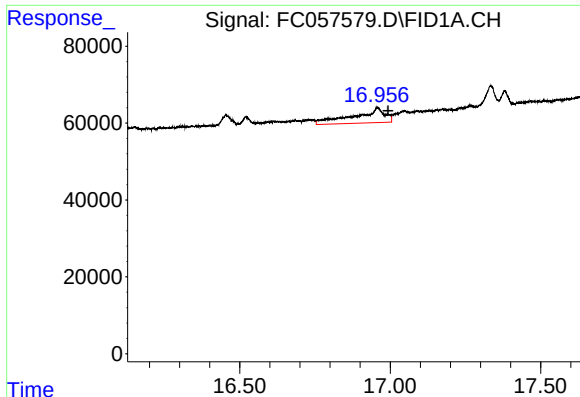
#15 n-Hexacosane (C26)

R.T.: 15.180 min
Delta R.T.: 0.023 min
Response: 10238
Conc: 0.08 ug/ml



#16 n-Octacosane (C28)

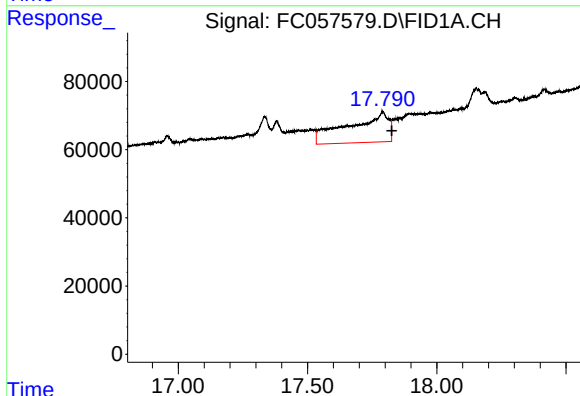
R.T.: 16.071 min
Delta R.T.: -0.036 min
Response: 34374
Conc: 0.26 ug/ml



#17 n-Tricontane (C30)

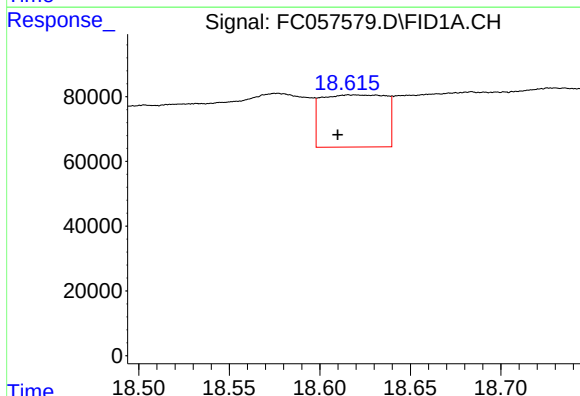
R.T.: 16.958 min
Delta R.T.: -0.035 min
Response: 278555
Conc: 2.04 ug/ml

Instrument :
FID_C
ClientSampleId :



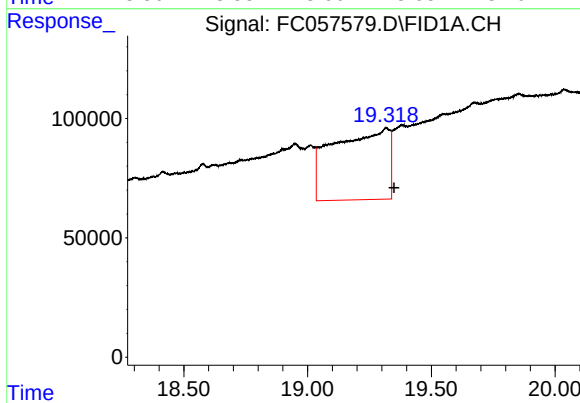
#18 n-Dotriacontane (C32)

R.T.: 17.791 min
Delta R.T.: -0.035 min
Response: 953663
Conc: 7.11 ug/ml



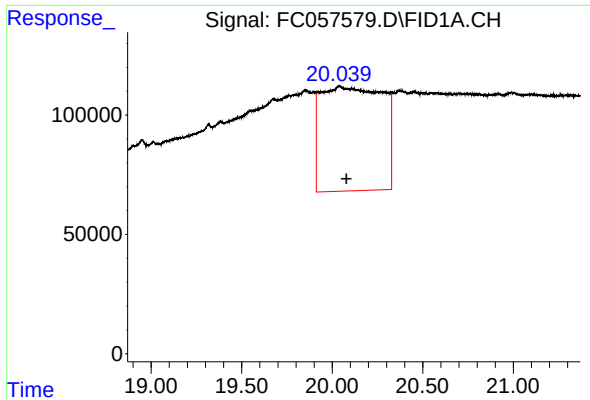
#19 n-Tetratriacontane (C34)

R.T.: 18.622 min
Delta R.T.: 0.012 min
Response: 396218
Conc: 3.04 ug/ml



#20 n-Hexatriacontane (C36)

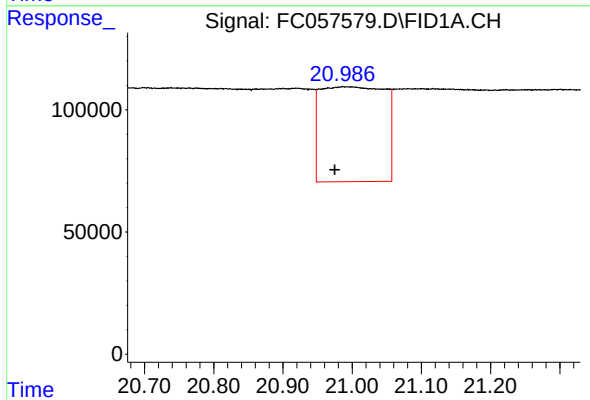
R.T.: 19.318 min
Delta R.T.: -0.032 min
Response: 4638069
Conc: 39.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.038 min
Delta R.T.: -0.041 min
Response: 10462082
Conc: 95.26 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.991 min
Delta R.T.: 0.016 min
Response: 2503144
Conc: 25.07 ug/ml