

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057571.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 14:40
 Operator : AJ\MA
 Sample : M5011-15DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:30:33 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)	10.807	473131	3.400 ug/ml
Spiked Amount 50.000		Recovery =	6.80%
12) S 1-chlorooctadecane (S...	12.301	120149	1.085 ug/ml
Spiked Amount 50.000		Recovery =	2.17%
Target Compounds			
1) T n-Nonane (C9)	2.707	37405	0.303 ug/ml
2) T n-Decane (C10)	3.683	113264	0.909 ug/ml
3) T A~Naphthalene (C11.7)	5.287	122429	0.882 ug/ml
4) T n-Dodecane (C12)	5.729	33894	0.274 ug/ml
5) T A~2-methylnaphthalene...	6.325	157770	1.128 ug/ml
6) T n-Tetradecane (C14)	7.505	197275	1.593 ug/ml
7) T n-Hexadecane (C16)	9.089	71152	0.567 ug/ml
8) T n-Octadecane (C18)	10.520	67997	0.525 ug/ml
10) T n-Eicosane (C20)	11.834	52027	0.400 ug/ml
11) T n-Heneicosane (C21)	12.466	175730	1.339 ug/ml
13) T n-Docosane (C22)	13.065	27785	0.211 ug/ml
14) T n-Tetracosane (C24)	14.156	13967	0.105 ug/ml
15) T n-Hexacosane (C26)	15.178	3211	0.024 ug/ml
16) T n-Octacosane (C28)	16.122	8243	0.063 ug/ml
17) T n-Tricontane (C30)	16.961	207061	1.515 ug/ml
18) T n-Dotriacontane (C32)	17.794	757896	5.653 ug/ml
19) T n-Tetratriacontane (C34)	18.578	1427401	10.947 ug/ml
20) T n-Hexatriacontane (C36)	19.380	1562645	13.160 ug/ml
21) T n-Octatriacontane (C38)	20.111	2490421	22.675 ug/ml
22) T n-Tetracontane (C40)	20.997	2886649	28.912 ug/ml

(f)=RT Delta > 1/2 Window

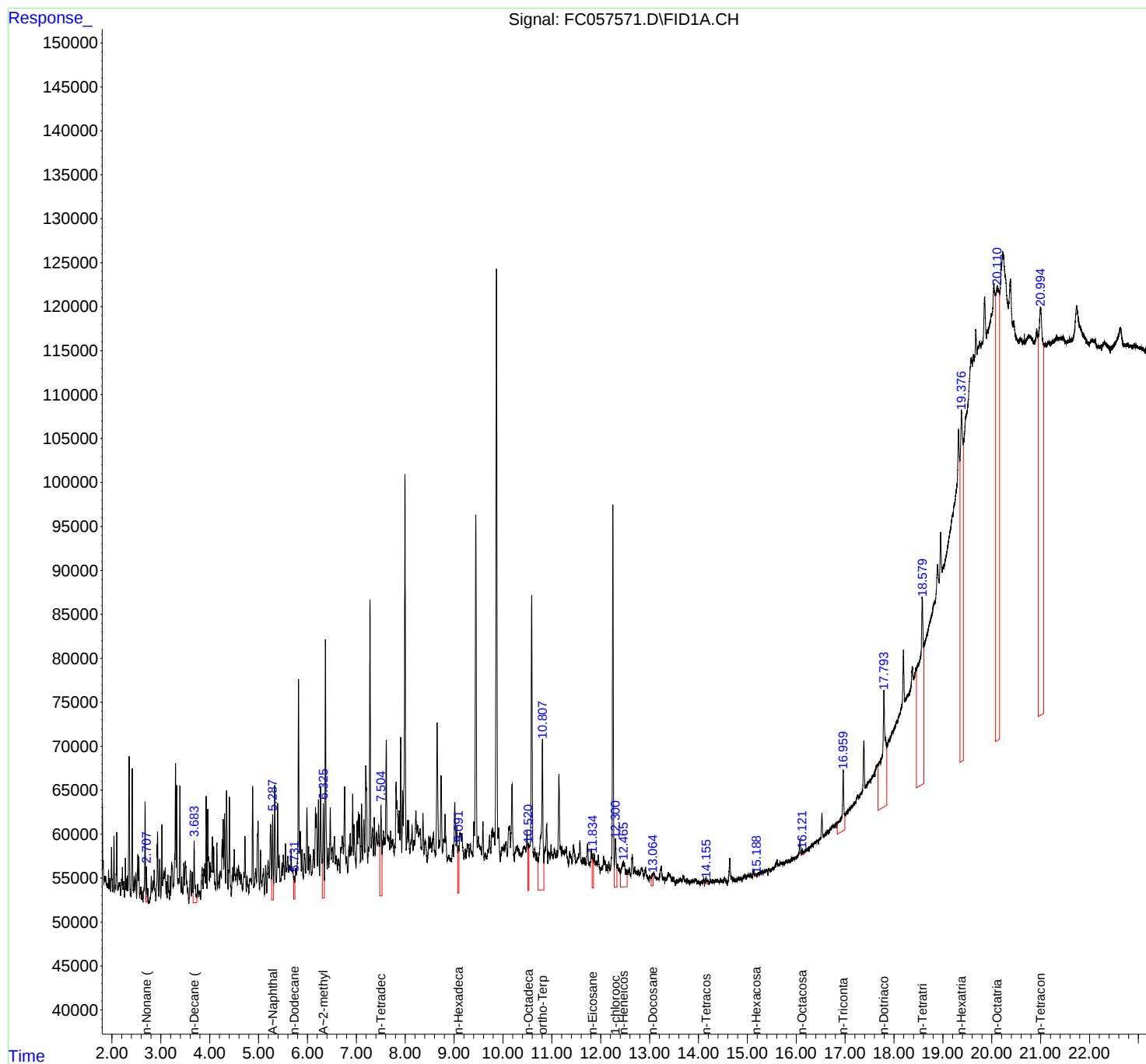
(m)=manual int.

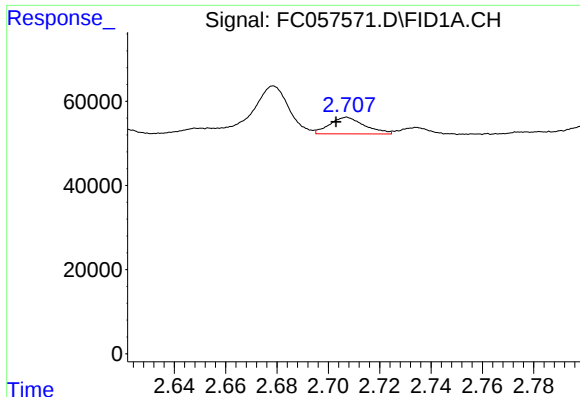
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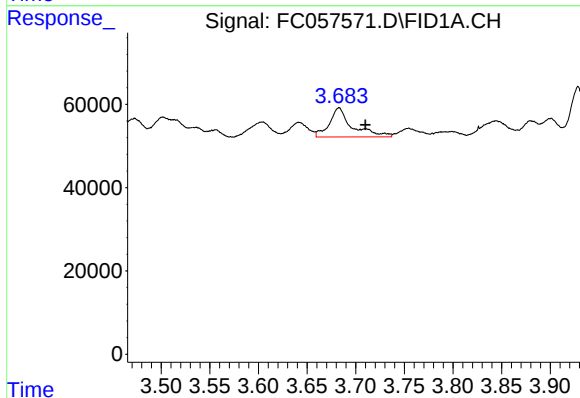




#1 n-Nonane (C9)

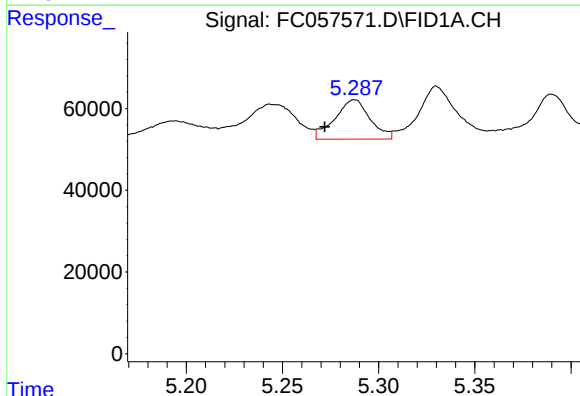
R.T.: 2.707 min
Delta R.T.: 0.004 min
Response: 37405
Conc: 0.30 ug/ml

Instrument :
FID_C
ClientSampleId :



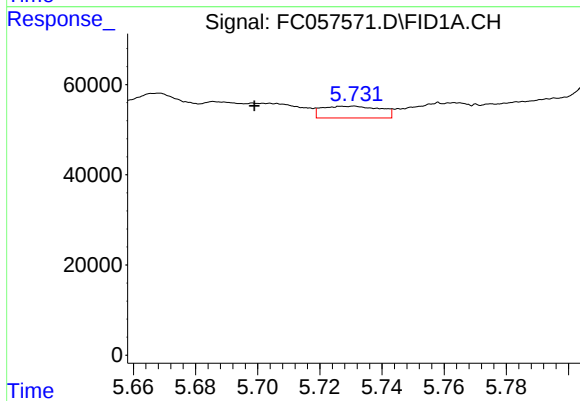
#2 n-Decane (C10)

R.T.: 3.683 min
Delta R.T.: -0.027 min
Response: 113264
Conc: 0.91 ug/ml



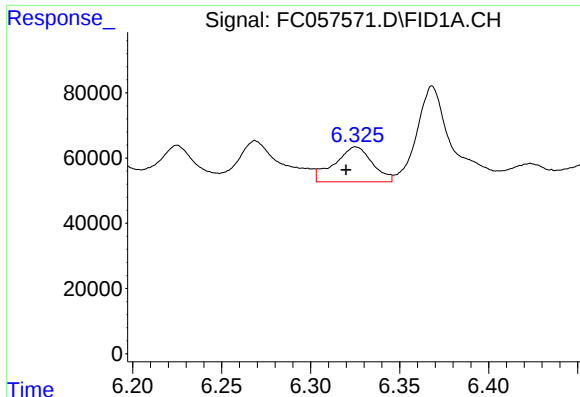
#3 A~Naphthalene (C11.7)

R.T.: 5.287 min
Delta R.T.: 0.015 min
Response: 122429
Conc: 0.88 ug/ml



#4 n-Dodecane (C12)

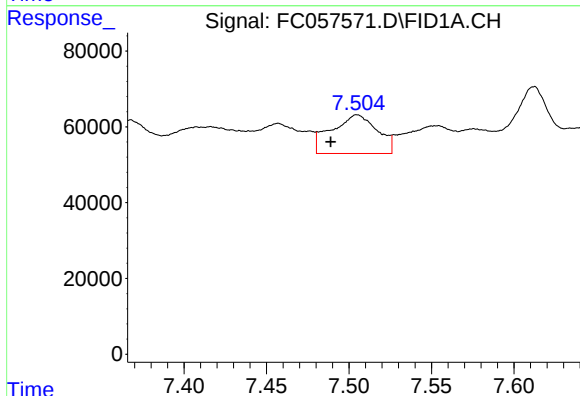
R.T.: 5.729 min
Delta R.T.: 0.030 min
Response: 33894
Conc: 0.27 ug/ml



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

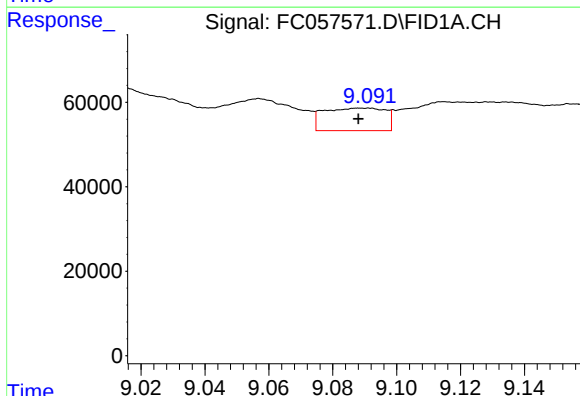
R.T.: 6.325 min
Delta R.T.: 0.005 min
Response: 157770
Conc: 1.13 ug/ml

Instrument :
FID_C
ClientSampleId :



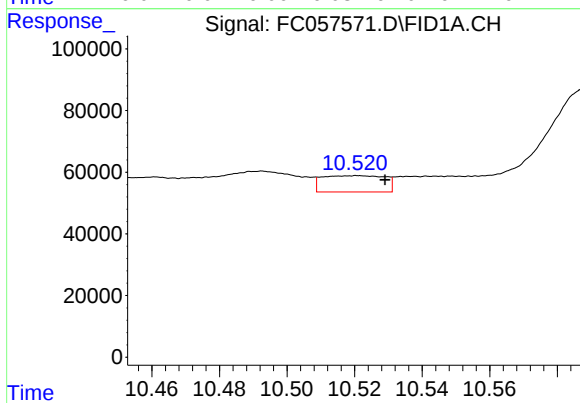
#6 n-Tetradecane (C14)

R.T.: 7.505 min
Delta R.T.: 0.016 min
Response: 197275
Conc: 1.59 ug/ml



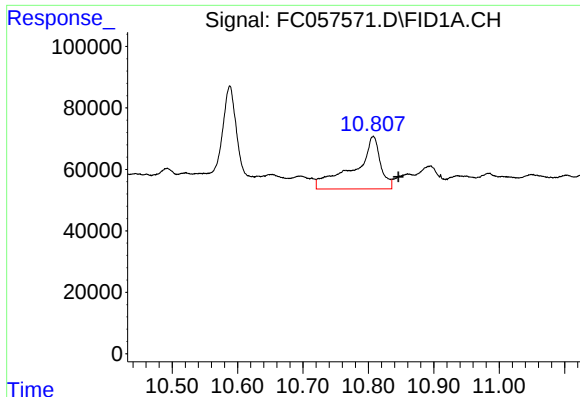
#7 n-Hexadecane (C16)

R.T.: 9.089 min
Delta R.T.: 0.001 min
Response: 71152
Conc: 0.57 ug/ml



#8 n-Octadecane (C18)

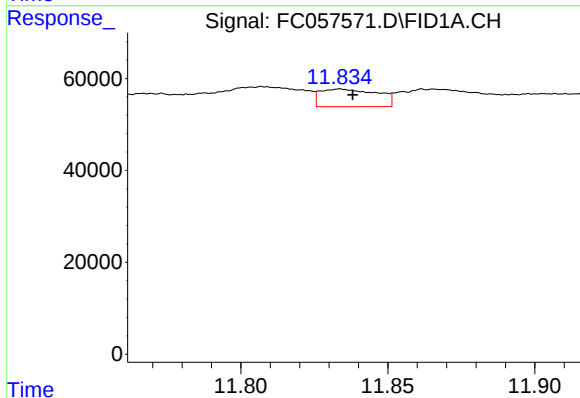
R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 67997
Conc: 0.53 ug/ml



#9 ortho-Terphenyl (SURR)

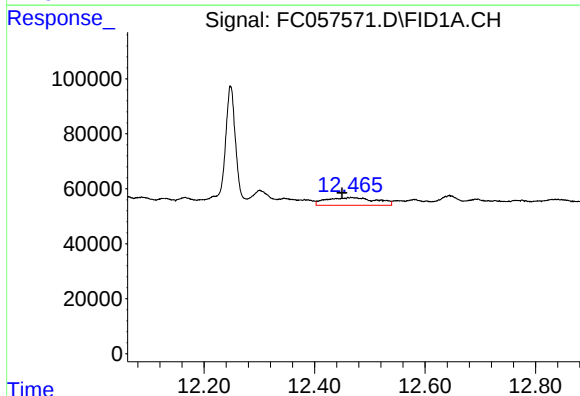
R.T.: 10.807 min
Delta R.T.: -0.039 min
Response: 473131
Conc: 3.40 ug/ml

Instrument :
FID_C
ClientSampleId :



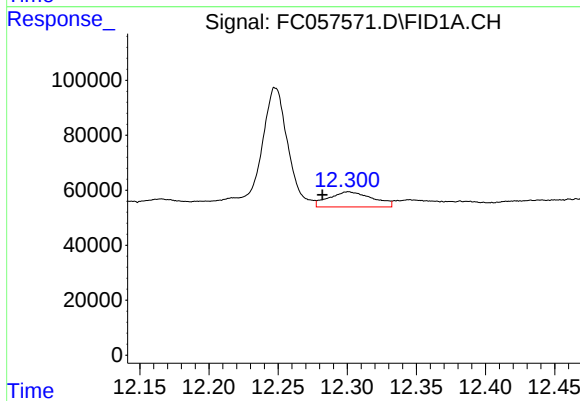
#10 n-Eicosane (C20)

R.T.: 11.834 min
Delta R.T.: -0.004 min
Response: 52027
Conc: 0.40 ug/ml



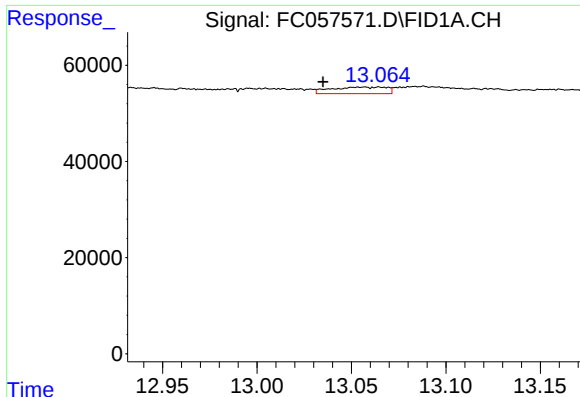
#11 n-Heneicosane (C21)

R.T.: 12.466 min
Delta R.T.: 0.016 min
Response: 175730
Conc: 1.34 ug/ml



#12 1-chlorooctadecane (SURR)

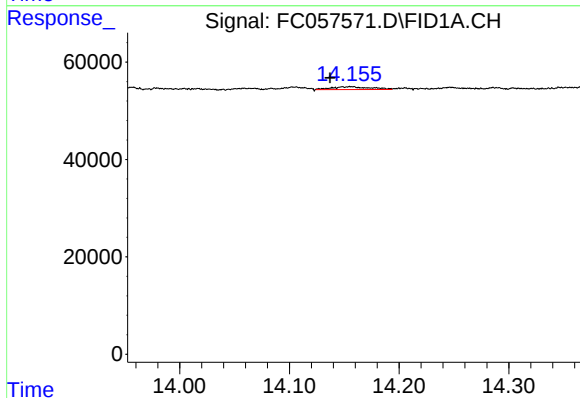
R.T.: 12.301 min
Delta R.T.: 0.019 min
Response: 120149
Conc: 1.08 ug/ml



#13 n-Docosane (C22)

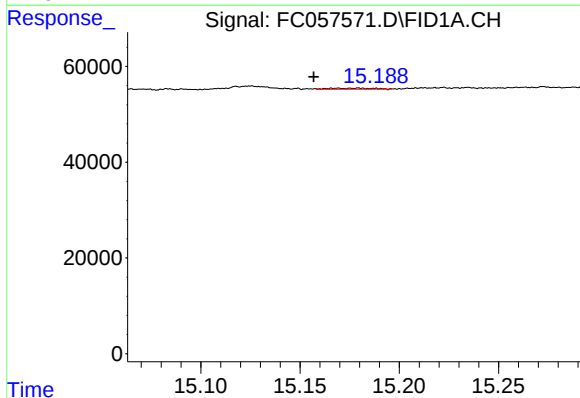
R.T.: 13.065 min
Delta R.T.: 0.030 min
Response: 27785
Conc: 0.21 ug/ml

Instrument :
FID_C
ClientSampleId :



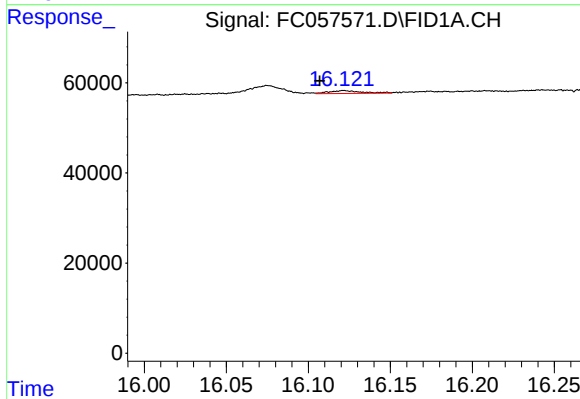
#14 n-Tetracosane (C24)

R.T.: 14.156 min
Delta R.T.: 0.019 min
Response: 13967
Conc: 0.11 ug/ml



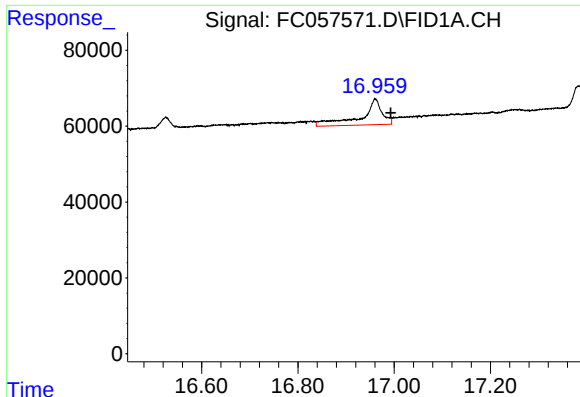
#15 n-Hexacosane (C26)

R.T.: 15.178 min
Delta R.T.: 0.021 min
Response: 3211
Conc: 0.02 ug/ml



#16 n-Octacosane (C28)

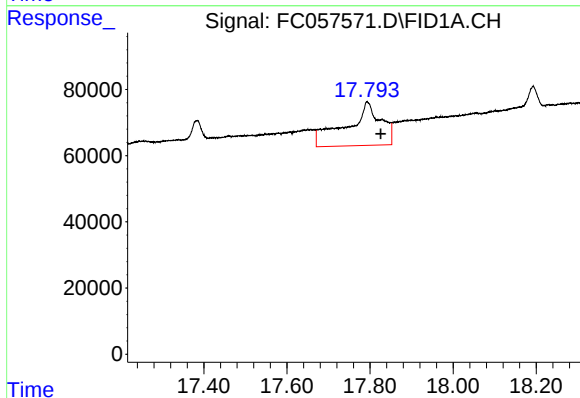
R.T.: 16.122 min
Delta R.T.: 0.015 min
Response: 8243
Conc: 0.06 ug/ml



#17 n-Tricontane (C30)

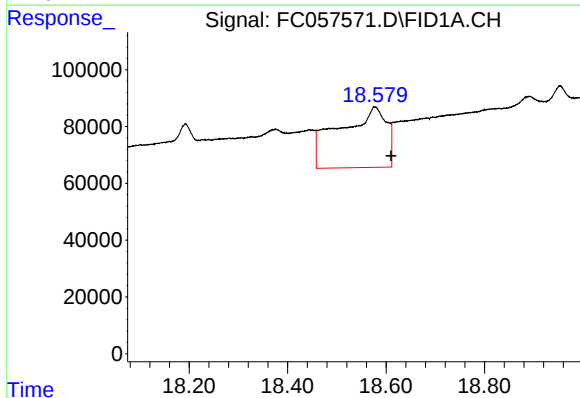
R.T.: 16.961 min
Delta R.T.: -0.032 min
Response: 207061
Conc: 1.52 ug/ml

Instrument :
FID_C
ClientSampleId :



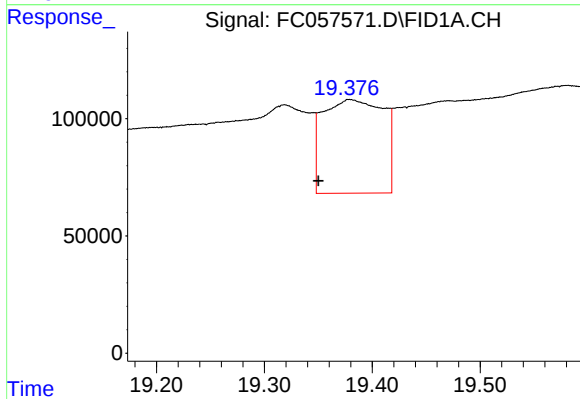
#18 n-Dotriacontane (C32)

R.T.: 17.794 min
Delta R.T.: -0.032 min
Response: 757896
Conc: 5.65 ug/ml



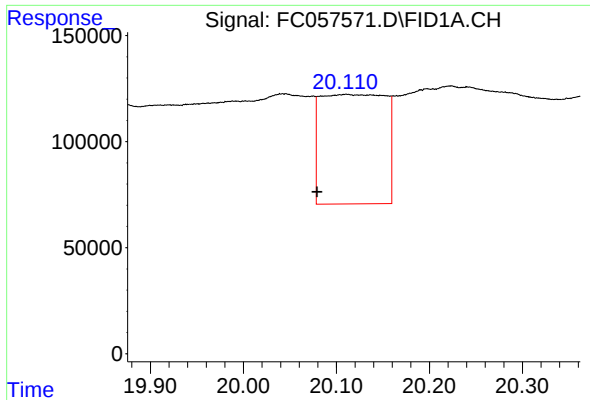
#19 n-Tetratriacontane (C34)

R.T.: 18.578 min
Delta R.T.: -0.032 min
Response: 1427401
Conc: 10.95 ug/ml



#20 n-Hexatriacontane (C36)

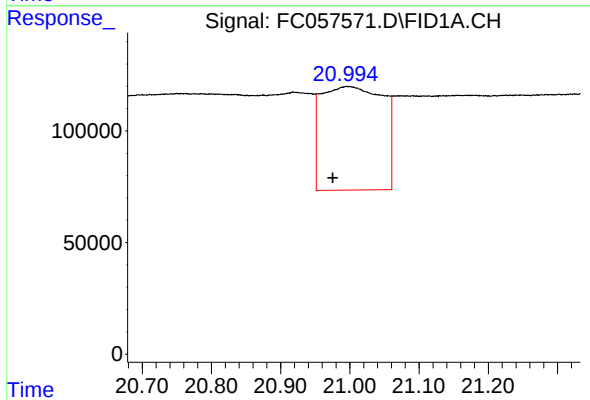
R.T.: 19.380 min
Delta R.T.: 0.030 min
Response: 1562645
Conc: 13.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.111 min
Delta R.T.: 0.032 min
Response: 2490421
Conc: 22.68 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.997 min
Delta R.T.: 0.022 min
Response: 2886649
Conc: 28.91 ug/ml