

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057583.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 21:49
 Operator : AJ\MA
 Sample : M5044-07DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:34:43 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	383781	2.758 ug/ml
Spiked Amount 50.000		Recovery =	5.52%
12) S 1-chlorooctadecane (S...	12.298	355396	3.209 ug/ml
Spiked Amount 50.000		Recovery =	6.42%
Target Compounds			
1) T n-Nonane (C9)	2.705	263168	2.130 ug/ml
2) T n-Decane (C10)	3.708	184797	1.484 ug/ml
3) T A~Naphthalene (C11.7)	5.267	1140430	8.220 ug/ml
4) T n-Dodecane (C12)	5.665	541779	4.387 ug/ml
5) T A~2-methylnaphthalene...	6.325	417740	2.987 ug/ml
6) T n-Tetradecane (C14)	7.501	364350	2.942 ug/ml
7) T n-Hexadecane (C16)	9.085	211019	1.683 ug/ml
8) T n-Octadecane (C18)	10.517	589962	4.558 ug/ml
10) T n-Eicosane (C20)	11.841	195152	1.502 ug/ml
11) T n-Heneicosane (C21)	12.475	292186	2.226 ug/ml
13) T n-Docosane (C22)	13.043	127076	0.967 ug/ml
14) T n-Tetracosane (C24)	14.148	33814	0.254 ug/ml
15) T n-Hexacosane (C26)	15.172	11034	0.084 ug/ml
16) T n-Octacosane (C28)	16.119	7511	0.057 ug/ml
17) T n-Tricontane (C30)	16.958	186445	1.364 ug/ml
18) T n-Dotriacontane (C32)	17.790	672416	5.015 ug/ml
19) T n-Tetratriacontane (C34)	18.573	1495190	11.467 ug/ml
20) T n-Hexatriacontane (C36)	19.378	914497	7.702 ug/ml
21) T n-Octatriacontane (C38)	20.105	2034119	18.520 ug/ml
22) T n-Tetracontane (C40)	20.993	3372276	33.776 ug/ml

(f)=RT Delta > 1/2 Window

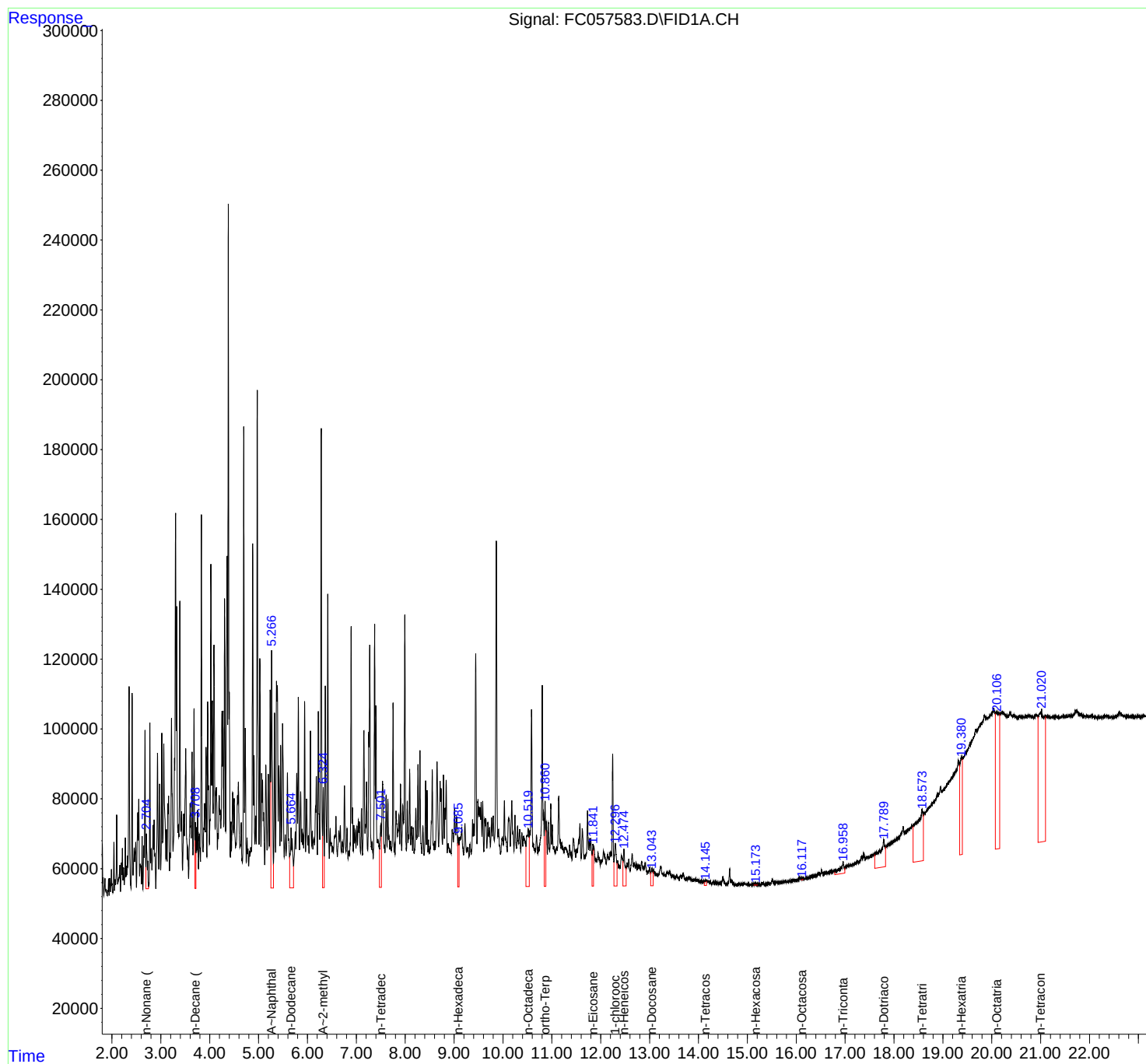
(m)=manual int.

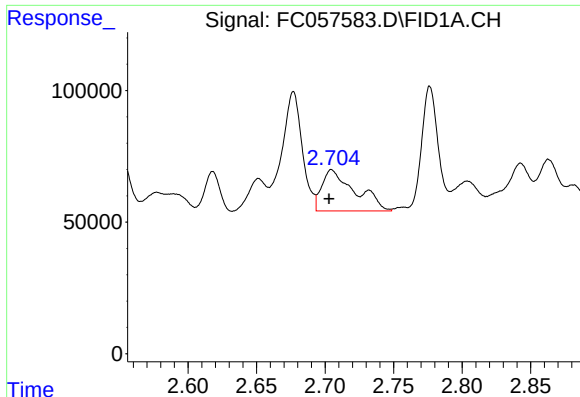
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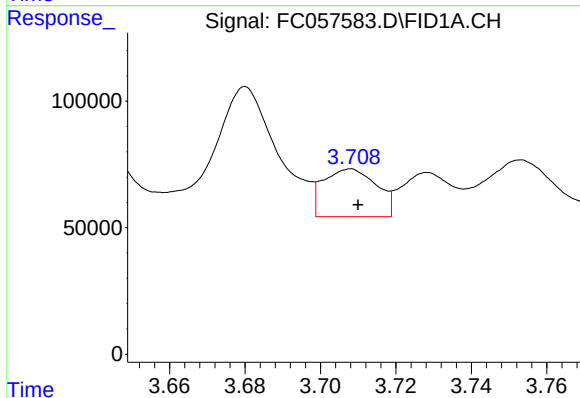




#1 n-Nonane (C9)

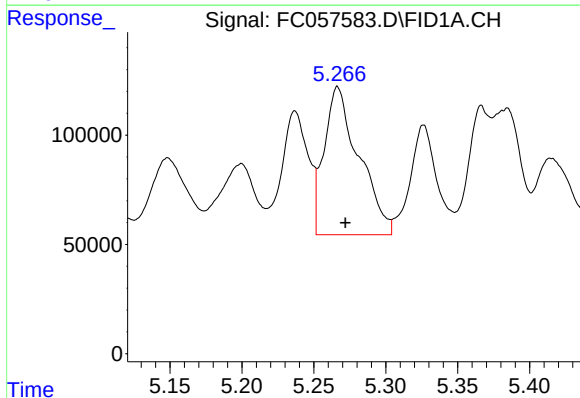
R.T.: 2.705 min
Delta R.T.: 0.002 min
Response: 263168
Conc: 2.13 ug/ml

Instrument :
FID_C
ClientSampleId :



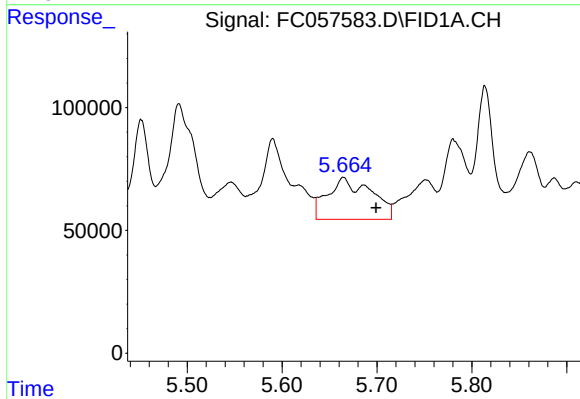
#2 n-Decane (C10)

R.T.: 3.708 min
Delta R.T.: -0.002 min
Response: 184797
Conc: 1.48 ug/ml



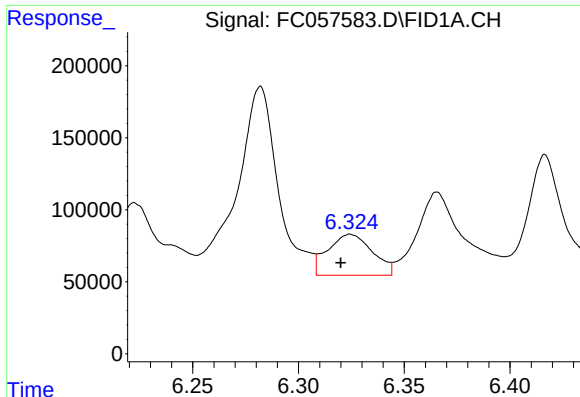
#3 A~Naphthalene (C11.7)

R.T.: 5.267 min
Delta R.T.: -0.005 min
Response: 1140430
Conc: 8.22 ug/ml



#4 n-Dodecane (C12)

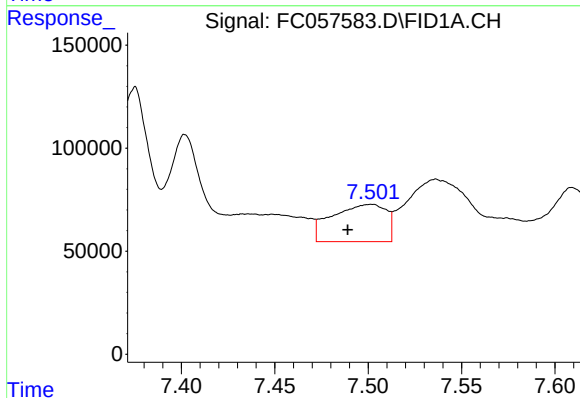
R.T.: 5.665 min
Delta R.T.: -0.034 min
Response: 541779
Conc: 4.39 ug/ml



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

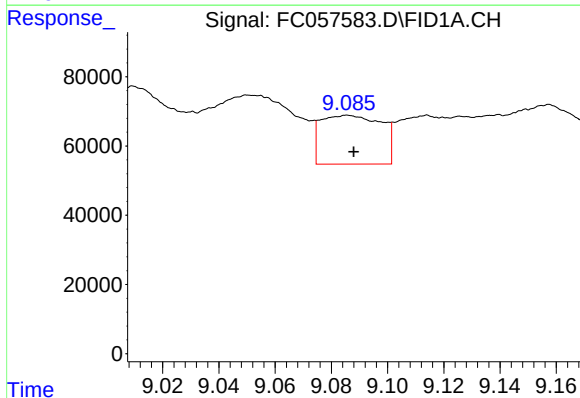
R.T.: 6.325 min
Delta R.T.: 0.005 min
Response: 417740
Conc: 2.99 ug/ml

Instrument :
FID_C
ClientSampleId :



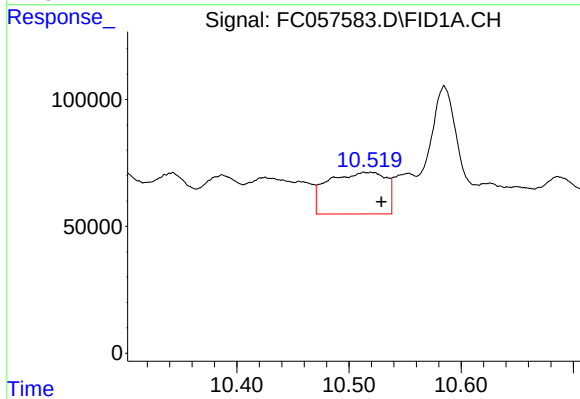
#6 n-Tetradecane (C14)

R.T.: 7.501 min
Delta R.T.: 0.012 min
Response: 364350
Conc: 2.94 ug/ml



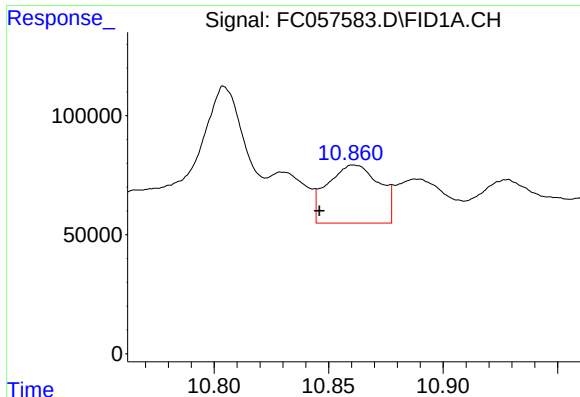
#7 n-Hexadecane (C16)

R.T.: 9.085 min
Delta R.T.: -0.003 min
Response: 211019
Conc: 1.68 ug/ml



#8 n-Octadecane (C18)

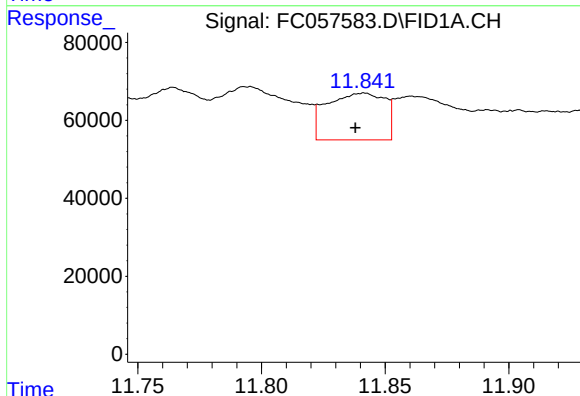
R.T.: 10.517 min
Delta R.T.: -0.012 min
Response: 589962
Conc: 4.56 ug/ml



#9 ortho-Terphenyl (SURR)

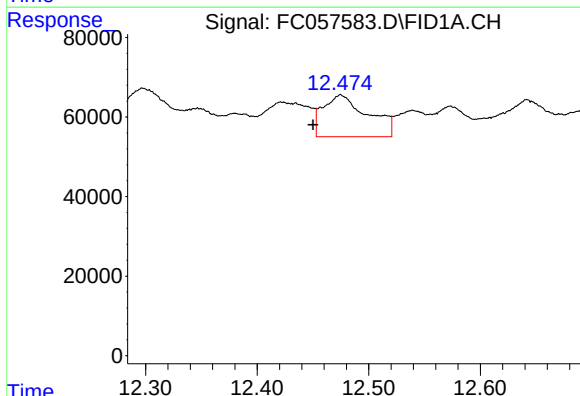
R.T.: 10.861 min
Delta R.T.: 0.015 min
Response: 383781
Conc: 2.76 ug/ml

Instrument :
FID_C
ClientSampleId :



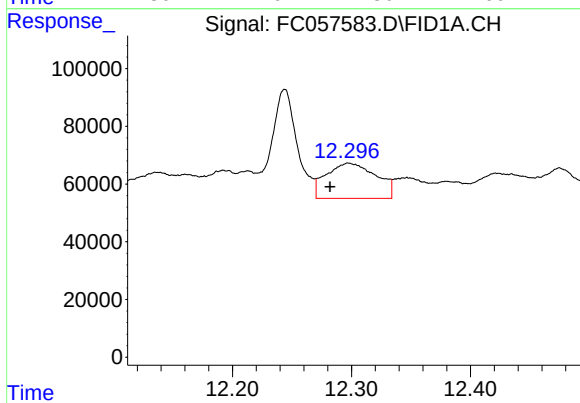
#10 n-Eicosane (C20)

R.T.: 11.841 min
Delta R.T.: 0.003 min
Response: 195152
Conc: 1.50 ug/ml



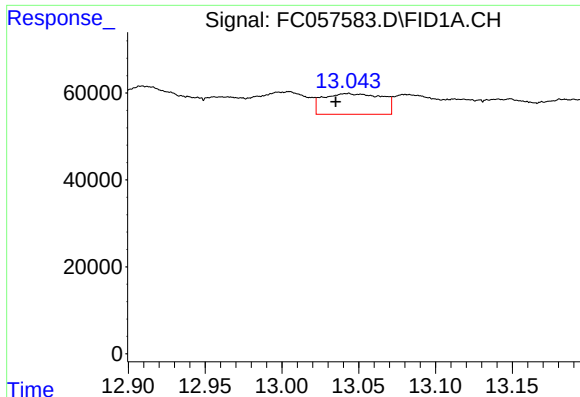
#11 n-Heneicosane (C21)

R.T.: 12.475 min
Delta R.T.: 0.025 min
Response: 292186
Conc: 2.23 ug/ml



#12 1-chlorooctadecane (SURR)

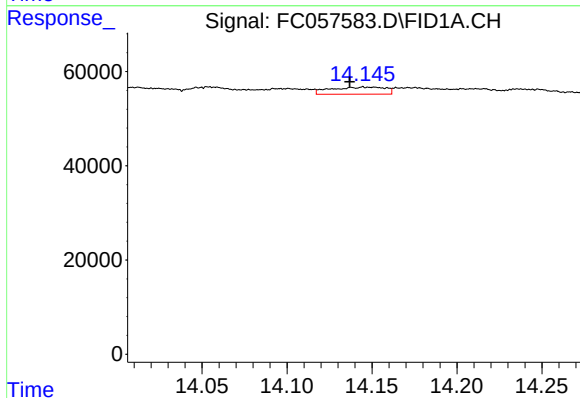
R.T.: 12.298 min
Delta R.T.: 0.016 min
Response: 355396
Conc: 3.21 ug/ml



#13 n-Docosane (C22)

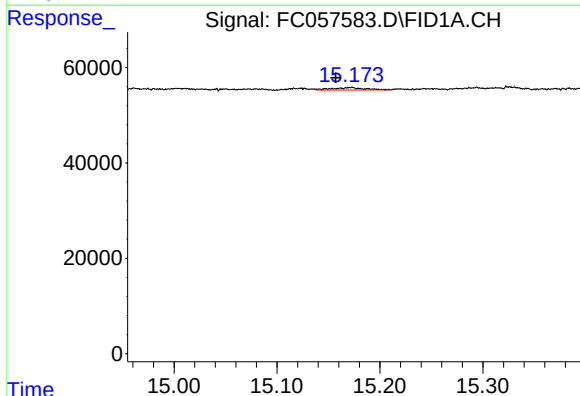
R.T.: 13.043 min
Delta R.T.: 0.008 min
Response: 127076
Conc: 0.97 ug/ml

Instrument :
FID_C
ClientSampleId :



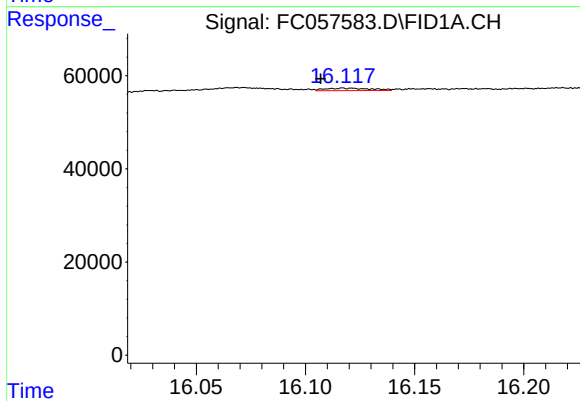
#14 n-Tetracosane (C24)

R.T.: 14.148 min
Delta R.T.: 0.011 min
Response: 33814
Conc: 0.25 ug/ml



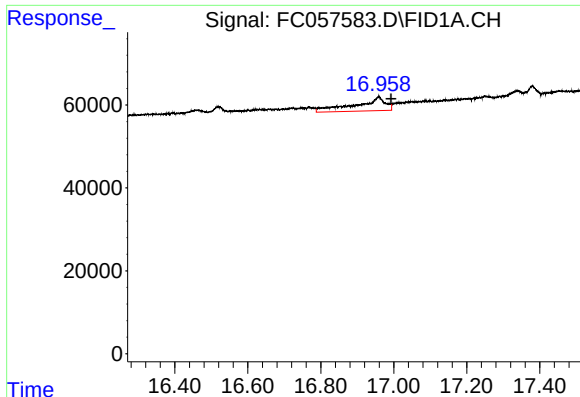
#15 n-Hexacosane (C26)

R.T.: 15.172 min
Delta R.T.: 0.015 min
Response: 11034
Conc: 0.08 ug/ml



#16 n-Octacosane (C28)

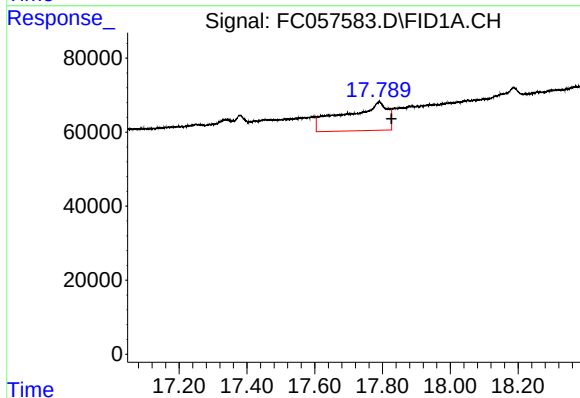
R.T.: 16.119 min
Delta R.T.: 0.012 min
Response: 7511
Conc: 0.06 ug/ml



#17 n-Tricontane (C30)

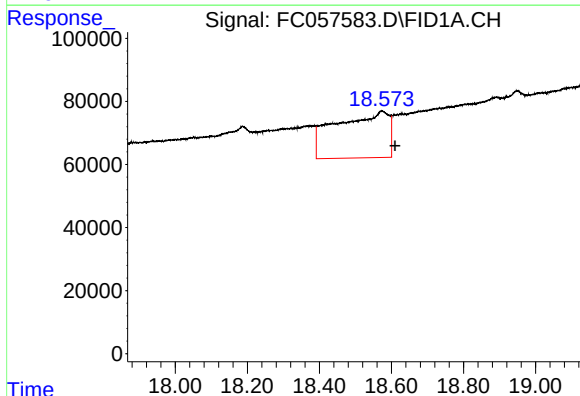
R.T.: 16.958 min
Delta R.T.: -0.035 min
Response: 186445
Conc: 1.36 ug/ml

Instrument :
FID_C
ClientSampleId :



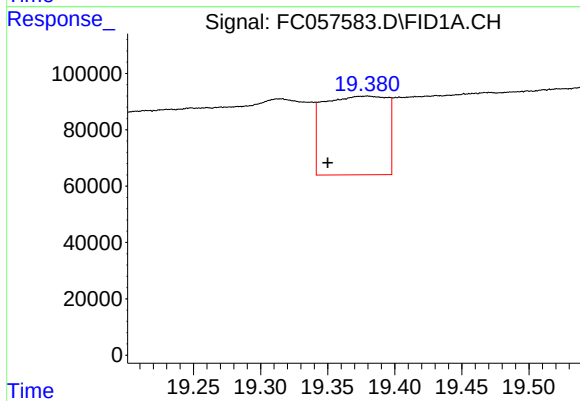
#18 n-Dotriacontane (C32)

R.T.: 17.790 min
Delta R.T.: -0.036 min
Response: 672416
Conc: 5.02 ug/ml



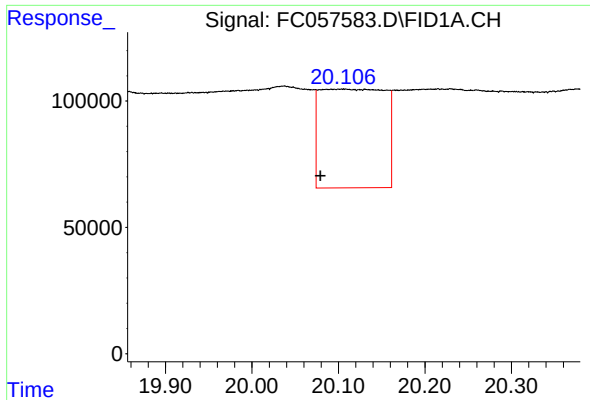
#19 n-Tetratriacontane (C34)

R.T.: 18.573 min
Delta R.T.: -0.037 min
Response: 1495190
Conc: 11.47 ug/ml



#20 n-Hexatriacontane (C36)

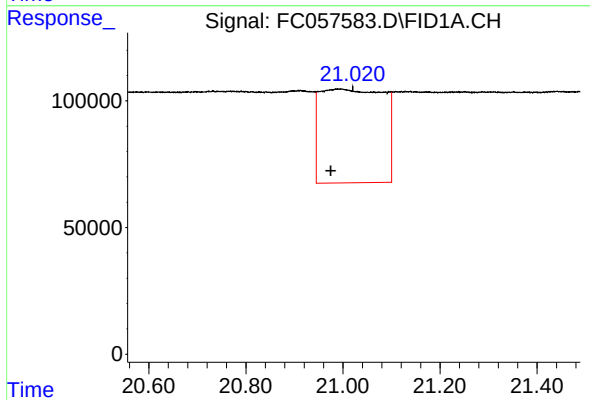
R.T.: 19.378 min
Delta R.T.: 0.028 min
Response: 914497
Conc: 7.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.105 min
Delta R.T.: 0.026 min
Response: 2034119
Conc: 18.52 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.993 min
Delta R.T.: 0.018 min
Response: 3372276
Conc: 33.78 ug/ml