

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057582.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 21:15
 Operator : AJ\MA
 Sample : M5044-06DL2 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:34:22 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)	10.832	405360	2.913 ug/ml
Spiked Amount 50.000		Recovery =	5.83%
12) S 1-chlorooctadecane (S...	12.297	629022	5.680 ug/ml
Spiked Amount 50.000		Recovery =	11.36%
Target Compounds			
1) T n-Nonane (C9)	2.705	26248	0.212 ug/ml
2) T n-Decane (C10)	3.679	66281	0.532 ug/ml
3) T A~Naphthalene (C11.7)	5.268	349208	2.517 ug/ml
4) T n-Dodecane (C12)	5.687	245857	1.991 ug/ml
5) T A~2-methylnaphthalene...	6.326	294487	2.106 ug/ml
6) T n-Tetradecane (C14)	7.501	471813	3.810 ug/ml
7) T n-Hexadecane (C16)	9.087	248328	1.980 ug/ml
8) T n-Octadecane (C18)	10.513	688375	5.318 ug/ml
10) T n-Eicosane (C20)	11.843	794112	6.113 ug/ml
11) T n-Heneicosane (C21)	12.425	446870	3.405 ug/ml
13) T n-Docosane (C22)	13.043	228660	1.740 ug/ml
14) T n-Tetracosane (C24)	14.166	166773	1.254 ug/ml
15) T n-Hexacosane (C26)	15.166	16014	0.122 ug/ml
16) T n-Octacosane (C28)	16.117	6859	0.052 ug/ml
17) T n-Tricontane (C30)	16.956	144579	1.058 ug/ml
18) T n-Dotriacontane (C32)	17.789	428684	3.197 ug/ml
19) T n-Tetratriacontane (C34)	18.574	2322502	17.811 ug/ml
20) T n-Hexatriacontane (C36)	19.317	4701673	39.596 ug/ml
21) T n-Octatriacontane (C38)	20.038	7052877	64.216 ug/ml
22) T n-Tetracontane (C40)	20.986	1999573	20.027 ug/ml

(f)=RT Delta > 1/2 Window

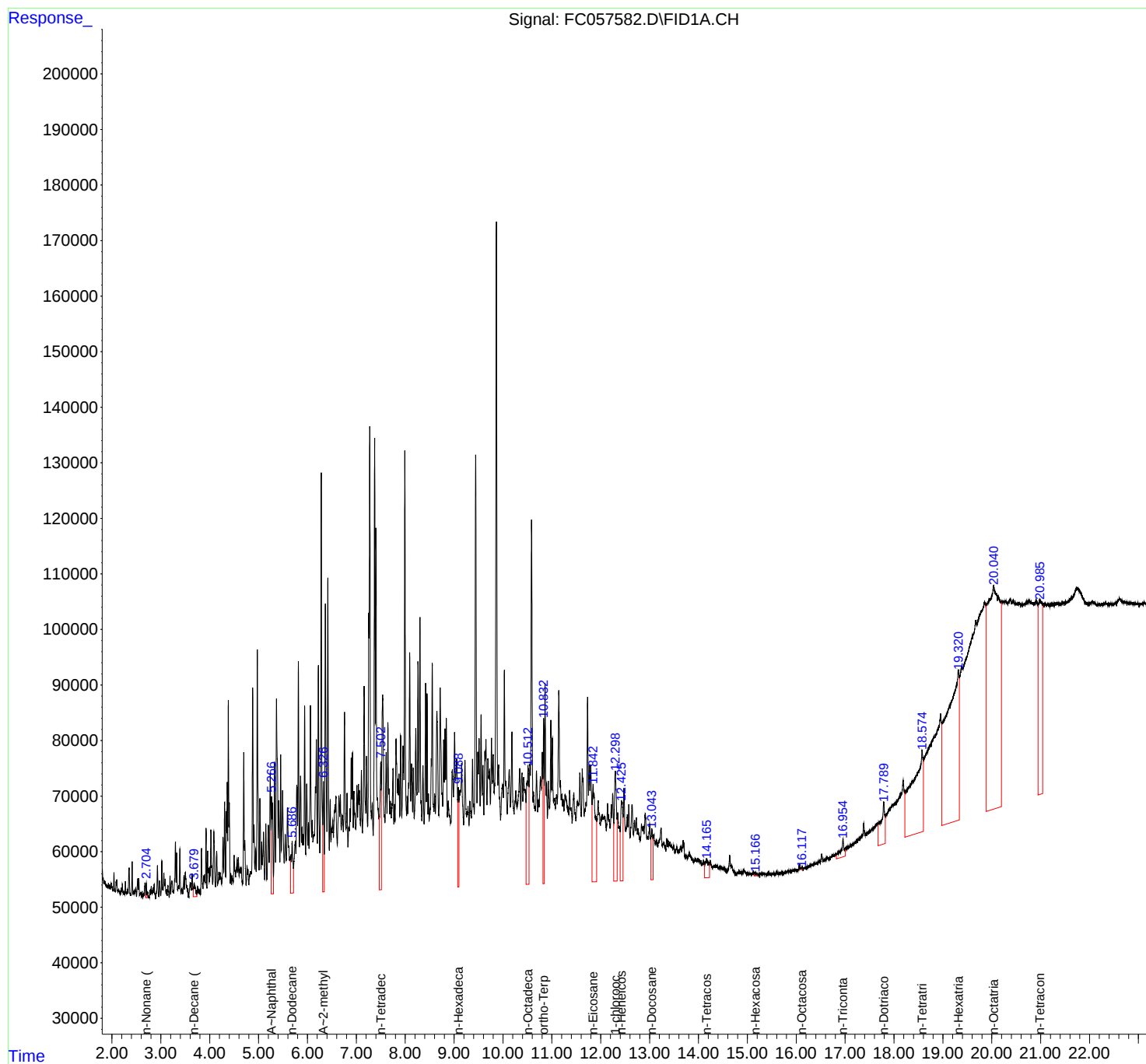
(m)=manual int.

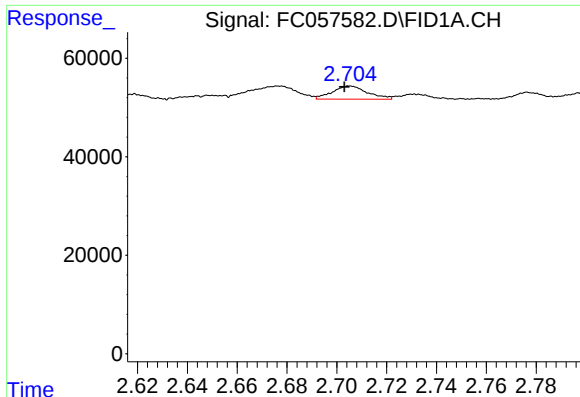
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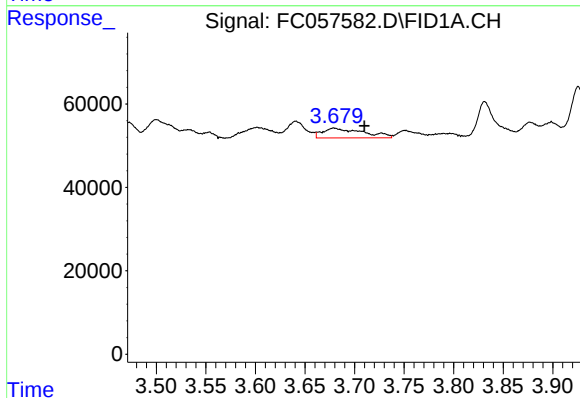




#1 n-Nonane (C9)

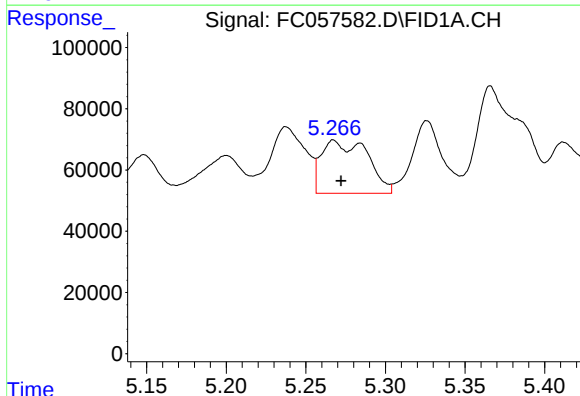
R.T.: 2.705 min
Delta R.T.: 0.002 min
Response: 26248
Conc: 0.21 ug/ml

Instrument :
FID_C
ClientSampleId :



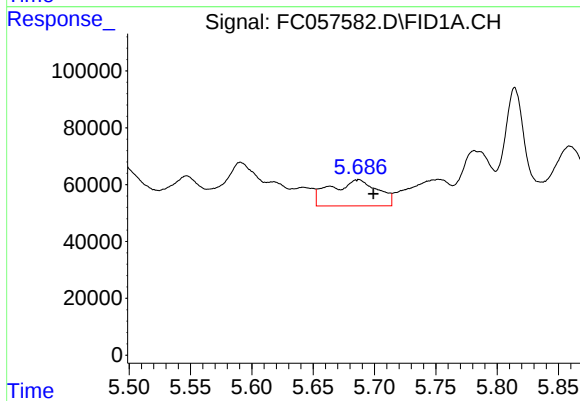
#2 n-Decane (C10)

R.T.: 3.679 min
Delta R.T.: -0.031 min
Response: 66281
Conc: 0.53 ug/ml



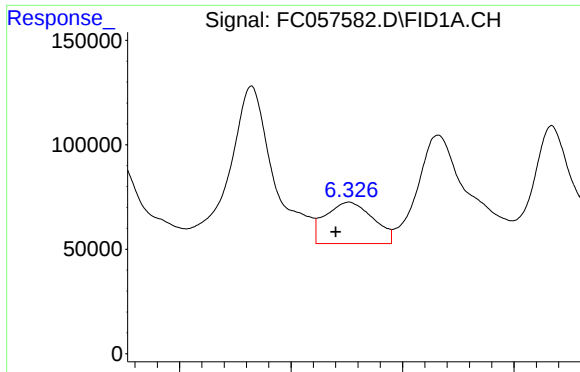
#3 A~Naphthalene (C11.7)

R.T.: 5.268 min
Delta R.T.: -0.004 min
Response: 349208
Conc: 2.52 ug/ml



#4 n-Dodecane (C12)

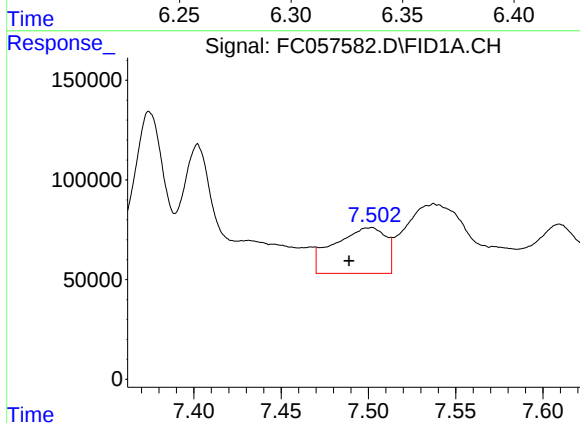
R.T.: 5.687 min
Delta R.T.: -0.012 min
Response: 245857
Conc: 1.99 ug/ml



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

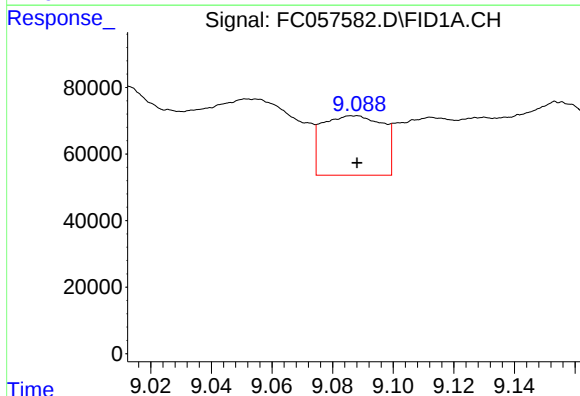
R.T.: 6.326 min
Delta R.T.: 0.006 min
Response: 294487
Conc: 2.11 ug/ml

Instrument :
FID_C
ClientSampleId :



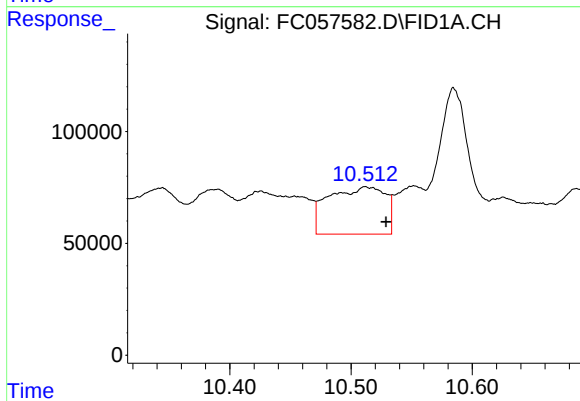
#6 n-Tetradecane (C14)

R.T.: 7.501 min
Delta R.T.: 0.012 min
Response: 471813
Conc: 3.81 ug/ml



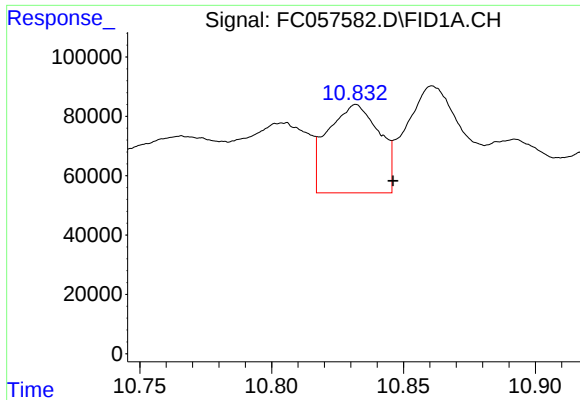
#7 n-Hexadecane (C16)

R.T.: 9.087 min
Delta R.T.: -0.001 min
Response: 248328
Conc: 1.98 ug/ml



#8 n-Octadecane (C18)

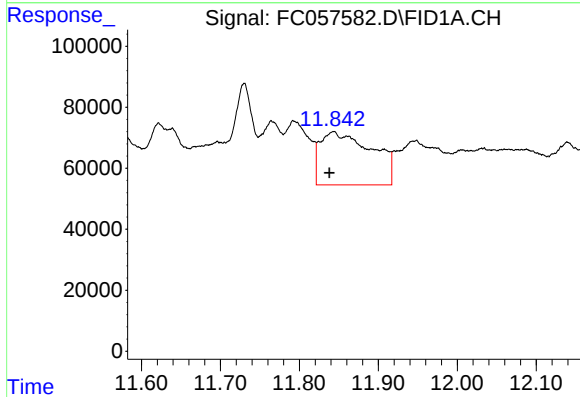
R.T.: 10.513 min
Delta R.T.: -0.016 min
Response: 688375
Conc: 5.32 ug/ml



#9 ortho-Terphenyl (SURR)

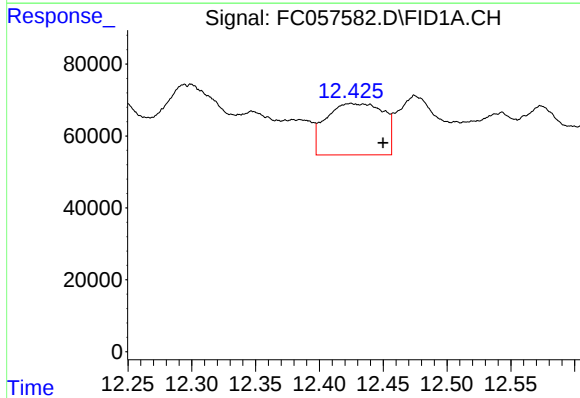
R.T.: 10.832 min
Delta R.T.: -0.014 min
Response: 405360
Conc: 2.91 ug/ml

Instrument :
FID_C
ClientSampleId :



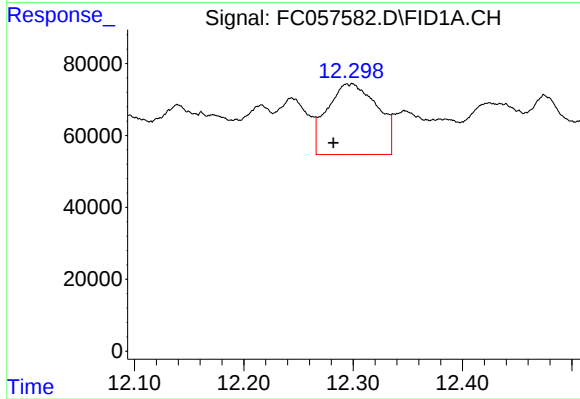
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: 0.005 min
Response: 794112
Conc: 6.11 ug/ml



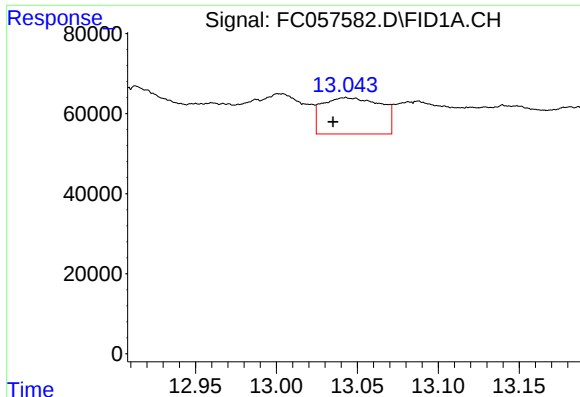
#11 n-Heneicosane (C21)

R.T.: 12.425 min
Delta R.T.: -0.025 min
Response: 446870
Conc: 3.40 ug/ml



#12 1-chlorooctadecane (SURR)

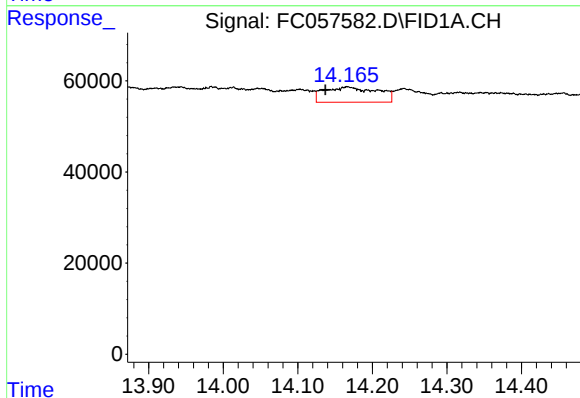
R.T.: 12.297 min
Delta R.T.: 0.015 min
Response: 629022
Conc: 5.68 ug/ml



#13 n-Docosane (C22)

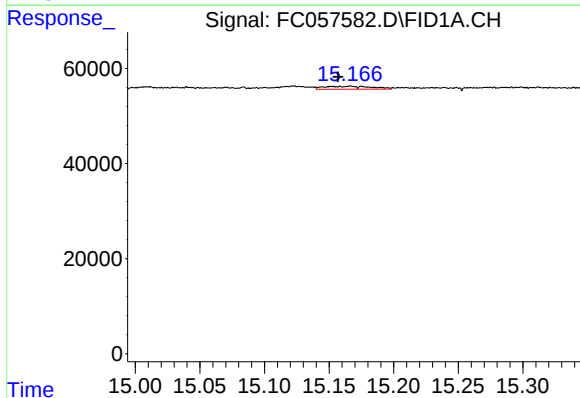
R.T.: 13.043 min
Delta R.T.: 0.008 min
Response: 228660
Conc: 1.74 ug/ml

Instrument :
FID_C
ClientSampleId :



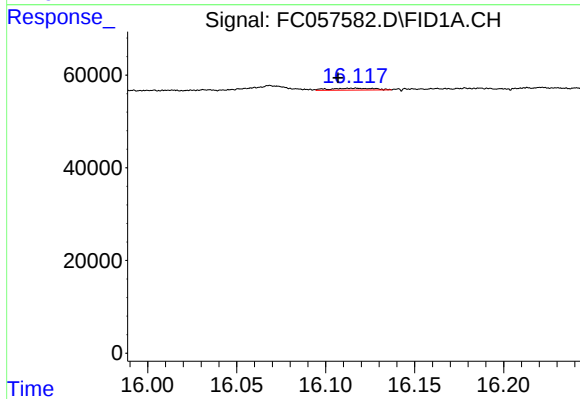
#14 n-Tetracosane (C24)

R.T.: 14.166 min
Delta R.T.: 0.029 min
Response: 166773
Conc: 1.25 ug/ml



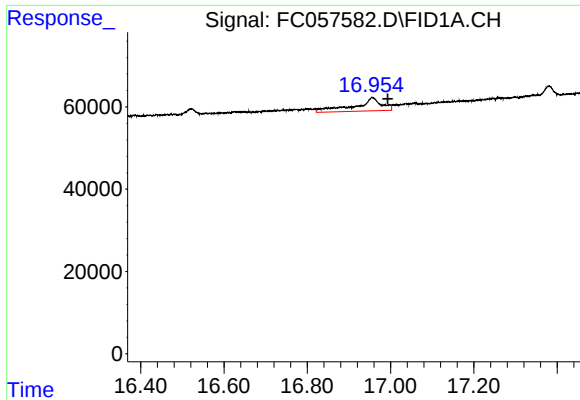
#15 n-Hexacosane (C26)

R.T.: 15.166 min
Delta R.T.: 0.009 min
Response: 16014
Conc: 0.12 ug/ml



#16 n-Octacosane (C28)

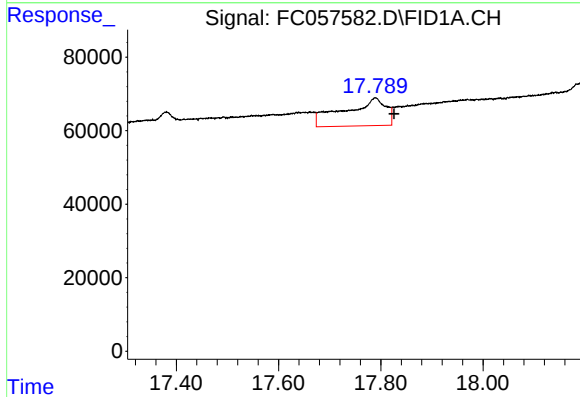
R.T.: 16.117 min
Delta R.T.: 0.010 min
Response: 6859
Conc: 0.05 ug/ml



#17 n-Tricontane (C30)

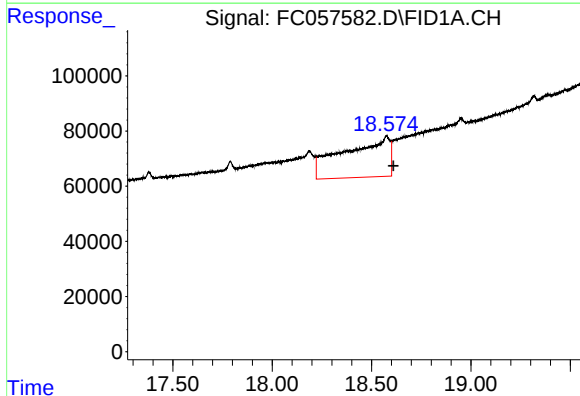
R.T.: 16.956 min
Delta R.T.: -0.037 min
Response: 144579
Conc: 1.06 ug/ml

Instrument :
FID_C
ClientSampleId :



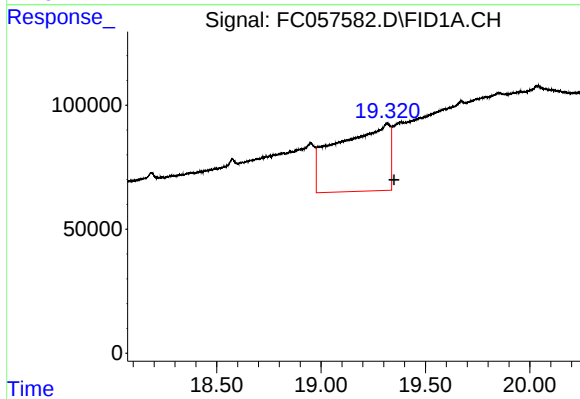
#18 n-Dotriacontane (C32)

R.T.: 17.789 min
Delta R.T.: -0.037 min
Response: 428684
Conc: 3.20 ug/ml



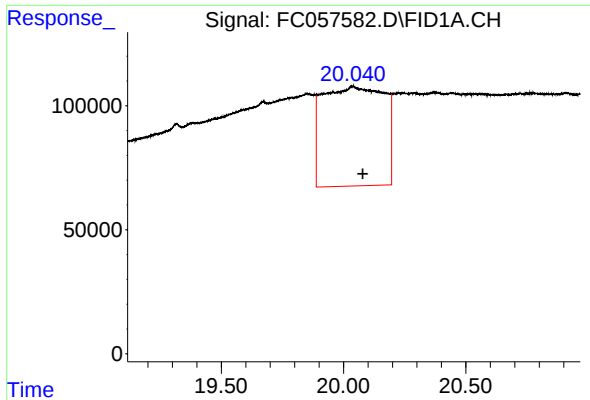
#19 n-Tetratriacontane (C34)

R.T.: 18.574 min
Delta R.T.: -0.036 min
Response: 2322502
Conc: 17.81 ug/ml



#20 n-Hexatriacontane (C36)

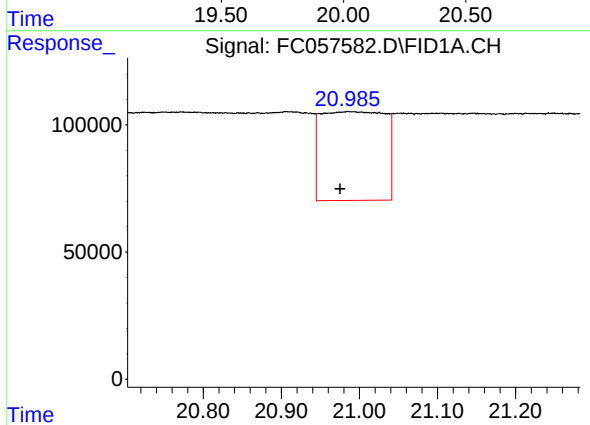
R.T.: 19.317 min
Delta R.T.: -0.033 min
Response: 4701673
Conc: 39.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.038 min
Delta R.T.: -0.041 min
Response: 7052877
Conc: 64.22 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.986 min
Delta R.T.: 0.011 min
Response: 1999573
Conc: 20.03 ug/ml