

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057549.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 2:18
 Operator : AJ\MA
 Sample : M5044-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 05:23:10 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)	10.870	50484	0.363 ug/ml
Spiked Amount 50.000		Recovery =	0.73%
12) S 1-chlorooctadecane (S...	12.297	33965	0.307 ug/ml
Spiked Amount 50.000		Recovery =	0.61%
Target Compounds			
1) T n-Nonane (C9)	2.720	56865	0.460 ug/ml
2) T n-Decane (C10)	3.687	358109	2.875 ug/ml
3) T A~Naphthalene (C11.7)	5.275	596211	4.298 ug/ml
4) T n-Dodecane (C12)	5.674	407067	3.296 ug/ml
5) T A~2-methylnaphthalene...	6.333	139257	0.996 ug/ml
6) T n-Tetradecane (C14)	7.502	34929	0.282 ug/ml
7) T n-Hexadecane (C16)	9.060	152739	1.218 ug/ml
8) T n-Octadecane (C18)	10.543	35725	0.276 ug/ml
10) T n-Eicosane (C20)	11.851	24734	0.190 ug/ml
11) T n-Heneicosane (C21)	12.423	65689	0.501 ug/ml
13) T n-Docosane (C22)	13.057	8034	0.061 ug/ml
14) T n-Tetracosane (C24)	14.154	9970	0.075 ug/ml
15) T n-Hexacosane (C26)	15.127	18638	0.142 ug/ml
16) T n-Octacosane (C28)	16.126	18710	0.142 ug/ml
17) T n-Tricontane (C30)	16.965	328345	2.402 ug/ml
18) T n-Dotriacontane (C32)	17.798	926818	6.912 ug/ml
19) T n-Tetratriacontane (C34)	18.582	1179802	9.048 ug/ml
20) T n-Hexatriacontane (C36)	19.321	2102321	17.705 ug/ml
21) T n-Octatriacontane (C38)	20.044	2972789	27.067 ug/ml
22) T n-Tetracontane (C40)	21.008	3748822	37.547 ug/ml

(f)=RT Delta > 1/2 Window

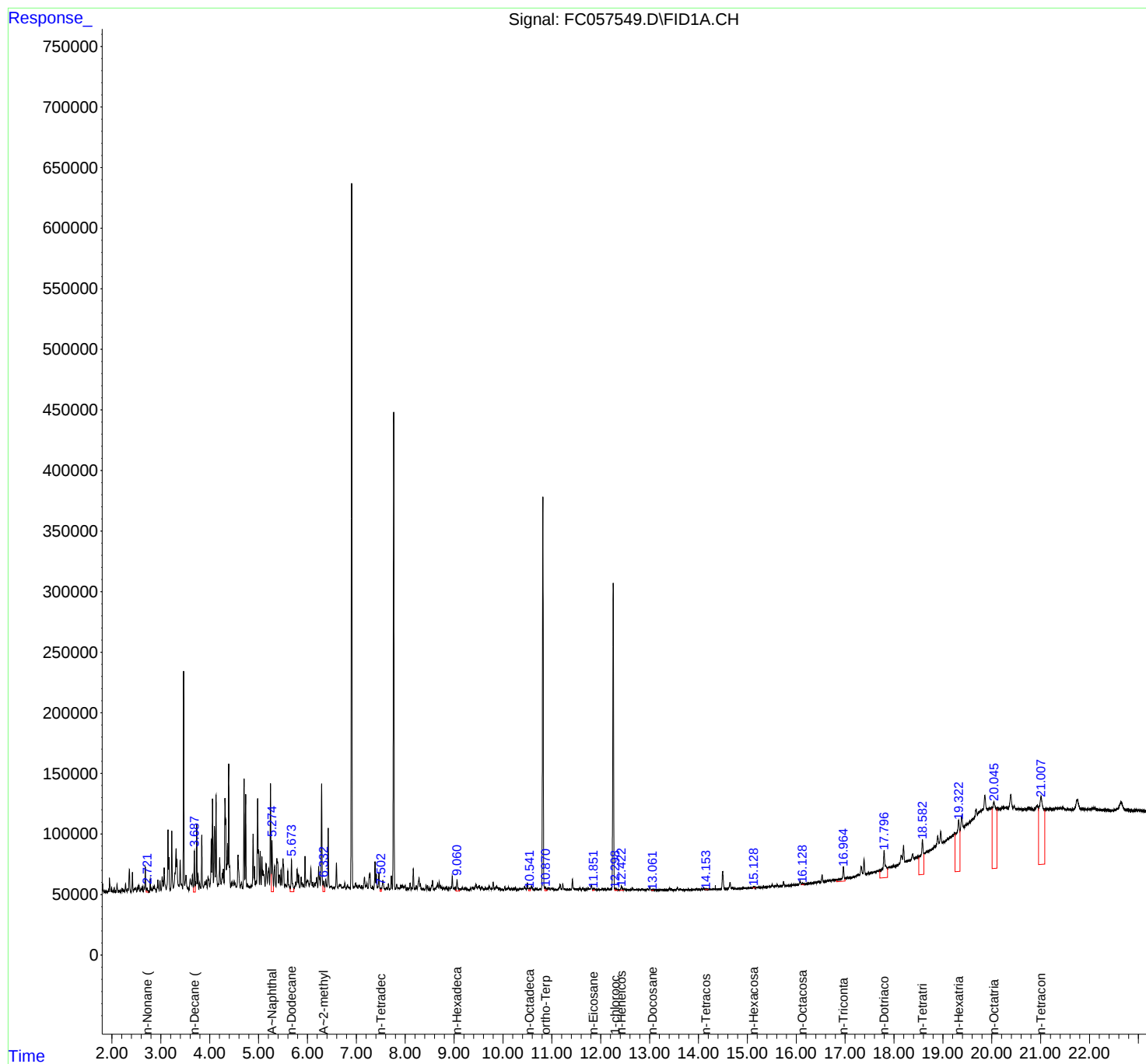
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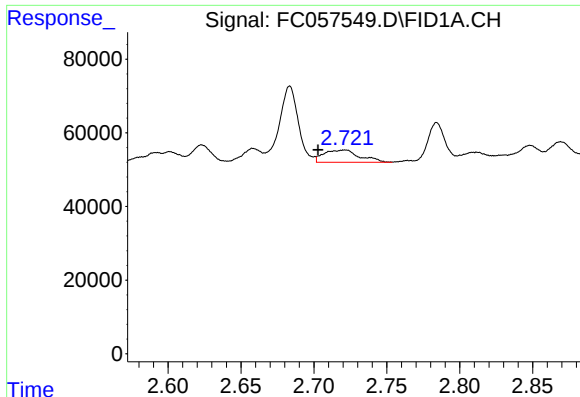
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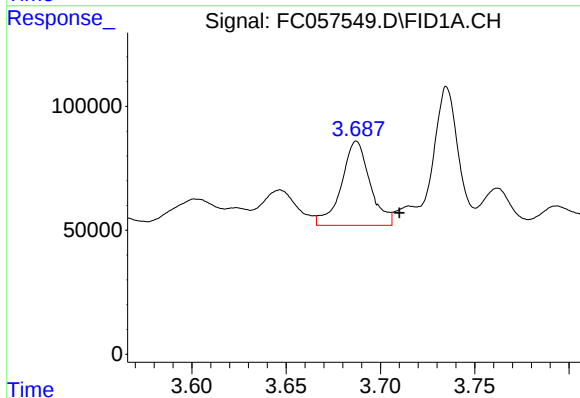




#1 n-Nonane (C9)

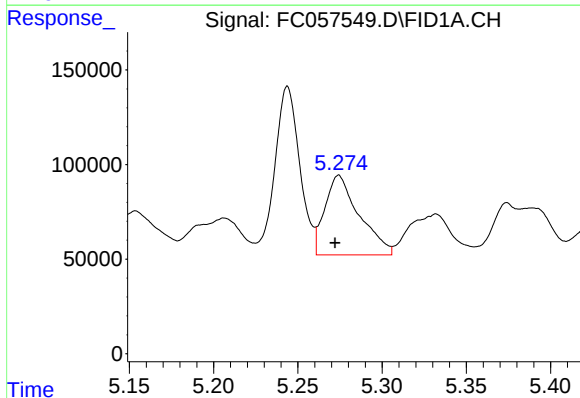
R.T.: 2.720 min
Delta R.T.: 0.017 min
Response: 56865
Conc: 0.46 ug/ml

Instrument :
FID_C
ClientSampleId :



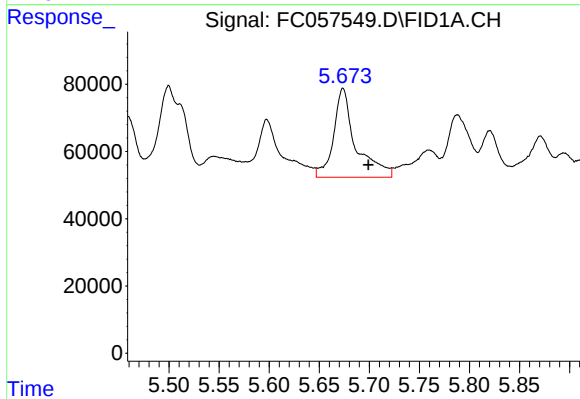
#2 n-Decane (C10)

R.T.: 3.687 min
Delta R.T.: -0.023 min
Response: 358109
Conc: 2.88 ug/ml



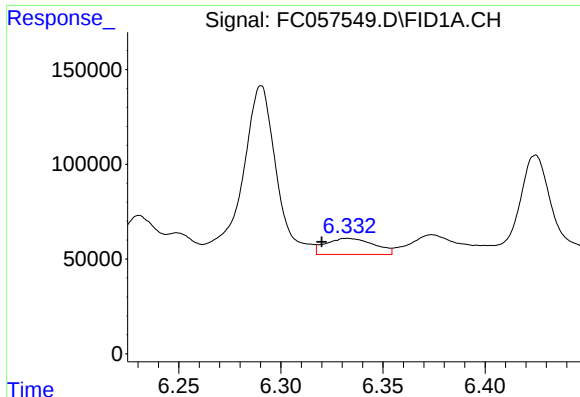
#3 A~Naphthalene (C11.7)

R.T.: 5.275 min
Delta R.T.: 0.003 min
Response: 596211
Conc: 4.30 ug/ml



#4 n-Dodecane (C12)

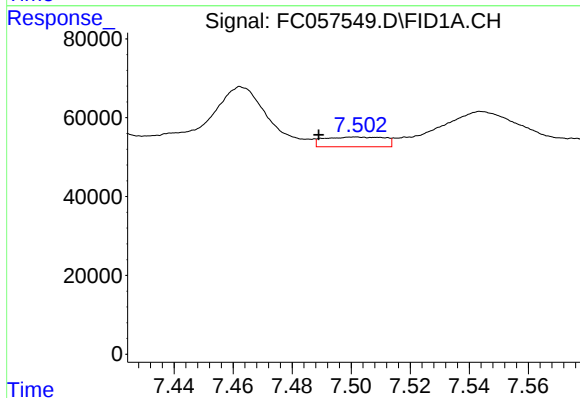
R.T.: 5.674 min
Delta R.T.: -0.025 min
Response: 407067
Conc: 3.30 ug/ml



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

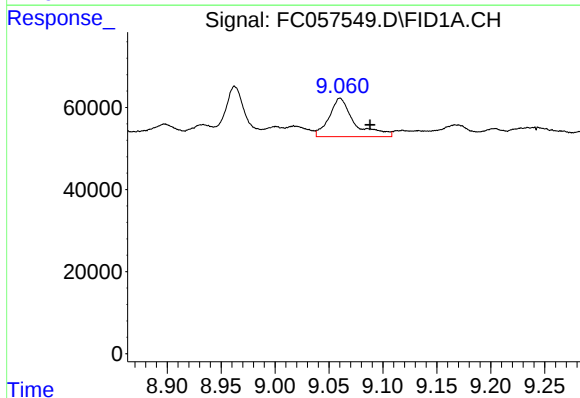
R.T.: 6.333 min
Delta R.T.: 0.013 min
Response: 139257
Conc: 1.00 ug/ml

Instrument :
FID_C
ClientSampleId :



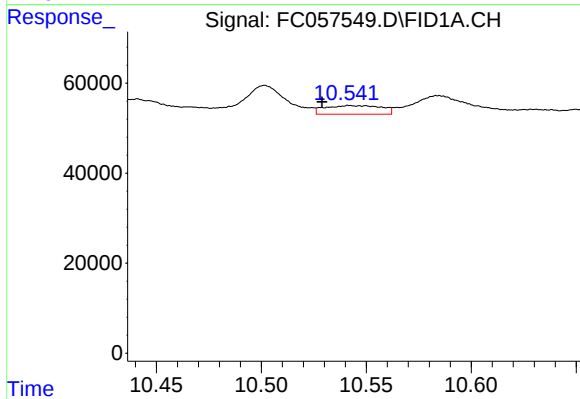
#6 n-Tetradecane (C14)

R.T.: 7.502 min
Delta R.T.: 0.013 min
Response: 34929
Conc: 0.28 ug/ml



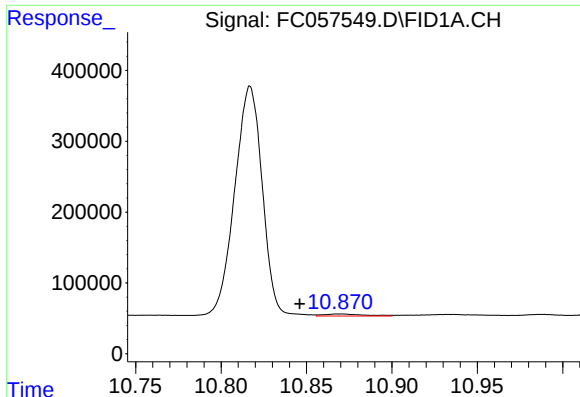
#7 n-Hexadecane (C16)

R.T.: 9.060 min
Delta R.T.: -0.028 min
Response: 152739
Conc: 1.22 ug/ml



#8 n-Octadecane (C18)

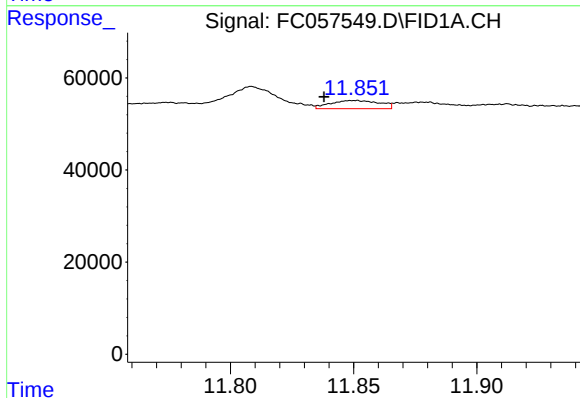
R.T.: 10.543 min
Delta R.T.: 0.014 min
Response: 35725
Conc: 0.28 ug/ml



#9 ortho-Terphenyl (SURR)

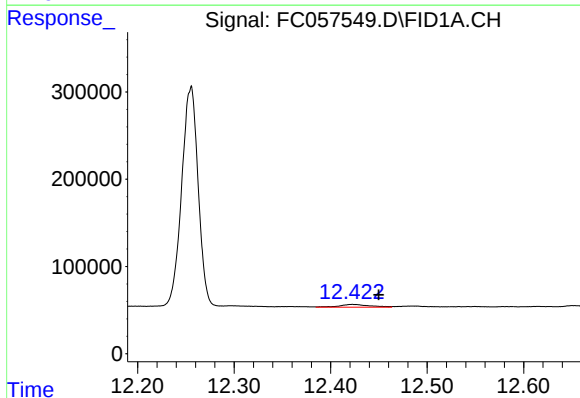
R.T.: 10.870 min
Delta R.T.: 0.024 min
Response: 50484
Conc: 0.36 ug/ml

Instrument :
FID_C
ClientSampleId :



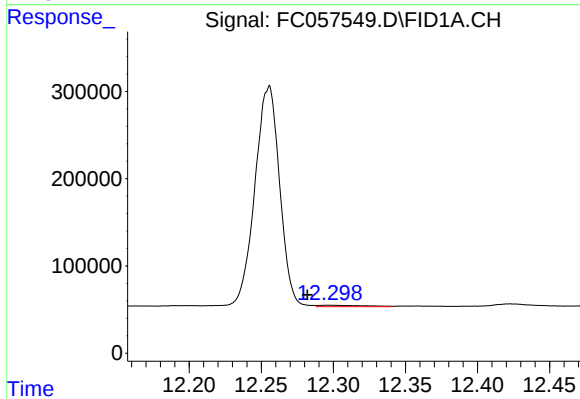
#10 n-Eicosane (C20)

R.T.: 11.851 min
Delta R.T.: 0.013 min
Response: 24734
Conc: 0.19 ug/ml



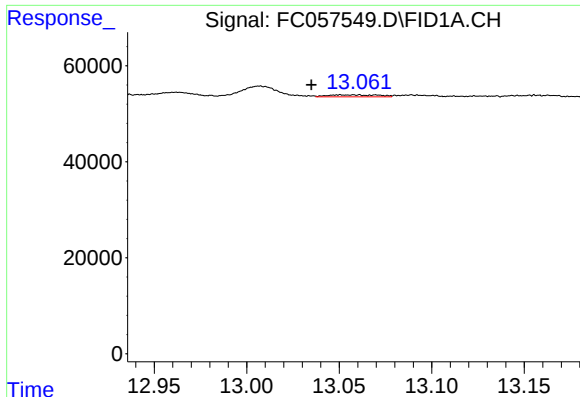
#11 n-Heneicosane (C21)

R.T.: 12.423 min
Delta R.T.: -0.027 min
Response: 65689
Conc: 0.50 ug/ml



#12 1-chlorooctadecane (SURR)

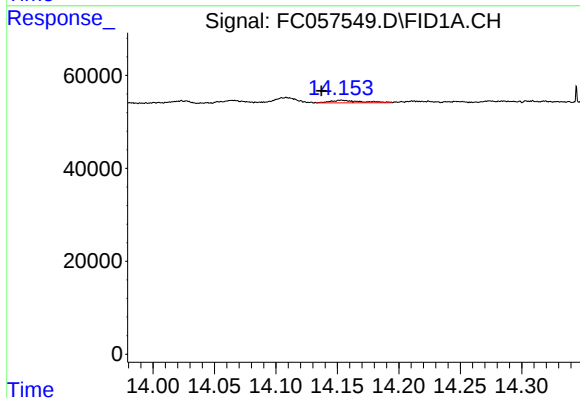
R.T.: 12.297 min
Delta R.T.: 0.015 min
Response: 33965
Conc: 0.31 ug/ml



#13 n-Docosane (C22)

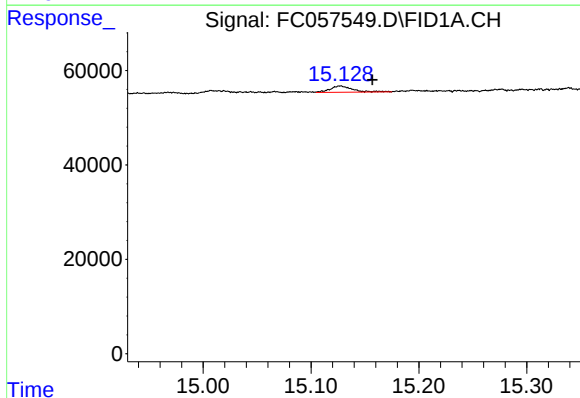
R.T.: 13.057 min
Delta R.T.: 0.022 min
Response: 8034
Conc: 0.06 ug/ml

Instrument :
FID_C
ClientSampleId :



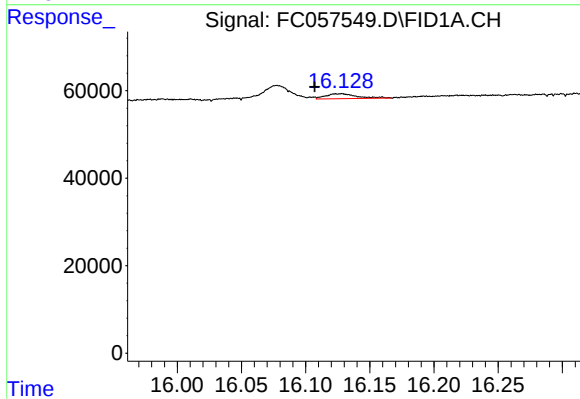
#14 n-Tetracosane (C24)

R.T.: 14.154 min
Delta R.T.: 0.017 min
Response: 9970
Conc: 0.07 ug/ml



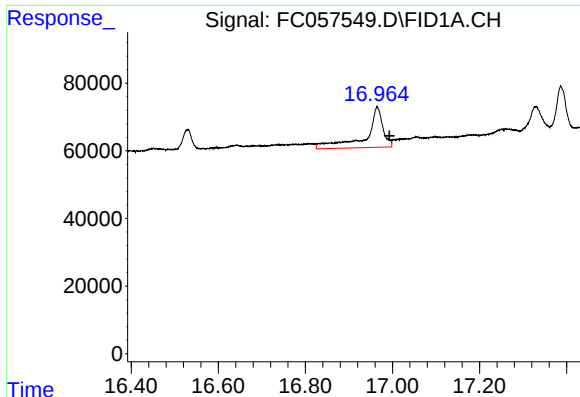
#15 n-Hexacosane (C26)

R.T.: 15.127 min
Delta R.T.: -0.030 min
Response: 18638
Conc: 0.14 ug/ml



#16 n-Octacosane (C28)

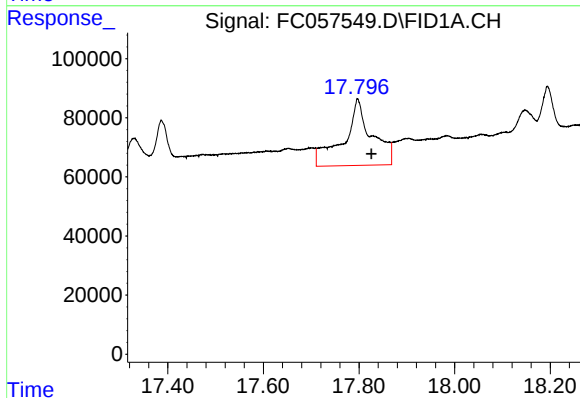
R.T.: 16.126 min
Delta R.T.: 0.019 min
Response: 18710
Conc: 0.14 ug/ml



#17 n-Tricontane (C30)

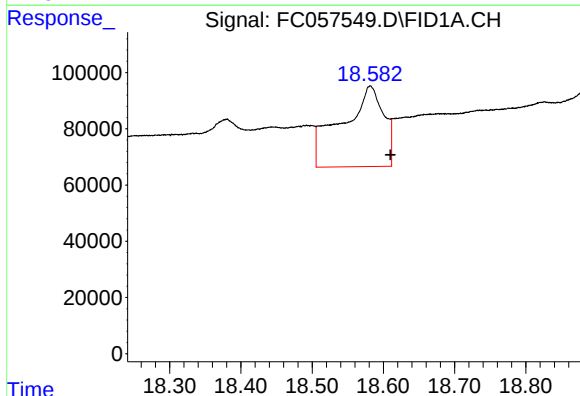
R.T.: 16.965 min
Delta R.T.: -0.028 min
Response: 328345
Conc: 2.40 ug/ml

Instrument :
FID_C
ClientSampleId :



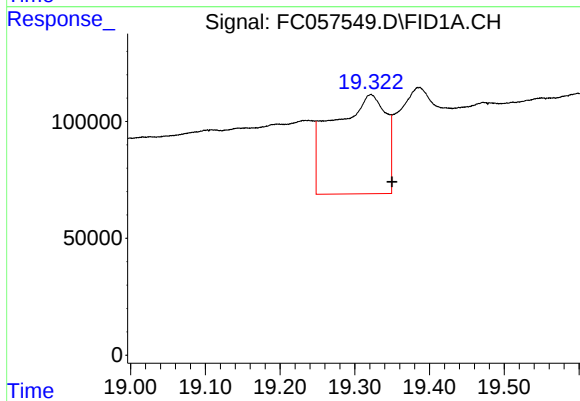
#18 n-Dotriacontane (C32)

R.T.: 17.798 min
Delta R.T.: -0.028 min
Response: 926818
Conc: 6.91 ug/ml



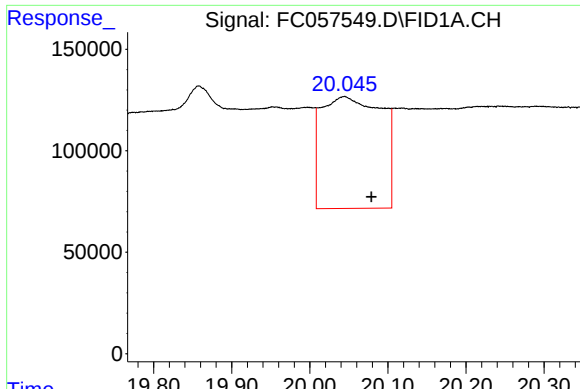
#19 n-Tetratriacontane (C34)

R.T.: 18.582 min
Delta R.T.: -0.028 min
Response: 1179802
Conc: 9.05 ug/ml



#20 n-Hexatriacontane (C36)

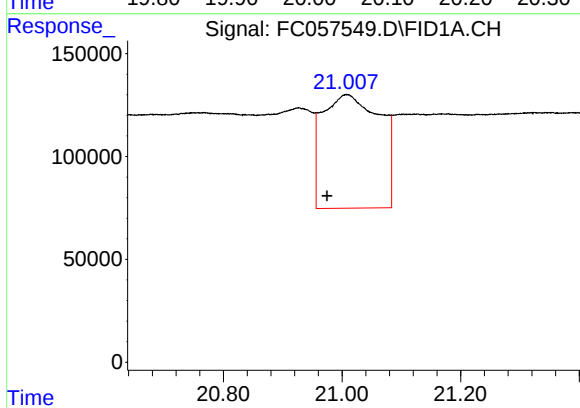
R.T.: 19.321 min
Delta R.T.: -0.029 min
Response: 2102321
Conc: 17.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.044 min
Delta R.T.: -0.035 min
Response: 2972789
Conc: 27.07 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.008 min
Delta R.T.: 0.033 min
Response: 3748822
Conc: 37.55 ug/ml