

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121721AL\
 Data File : FC057578.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2021 19:01
 Operator : AJ\MA
 Sample : M5044-03DL2 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 18 00:33:00 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)	10.863	428320	3.078 ug/ml
Spiked Amount 50.000		Recovery =	6.16%
12) S 1-chlorooctadecane (S...	12.298	638195	5.763 ug/ml
Spiked Amount 50.000		Recovery =	11.53%
Target Compounds			
1) T n-Nonane (C9)	2.706	12700	0.103 ug/ml
2) T n-Decane (C10)	3.697	17574	0.141 ug/ml
3) T A~Naphthalene (C11.7)	5.269	175255	1.263 ug/ml
4) T n-Dodecane (C12)	5.688	125592	1.017 ug/ml
5) T A~2-methylnaphthalene...	6.326	307417	2.198 ug/ml
6) T n-Tetradecane (C14)	7.503	459449	3.710 ug/ml
7) T n-Hexadecane (C16)	9.086	232088	1.851 ug/ml
8) T n-Octadecane (C18)	10.516	785620	6.069 ug/ml
10) T n-Eicosane (C20)	11.843	606342	4.667 ug/ml
11) T n-Heneicosane (C21)	12.425	468941	3.573 ug/ml
13) T n-Docosane (C22)	13.047	237162	1.804 ug/ml
14) T n-Tetracosane (C24)	14.128	22361	0.168 ug/ml
15) T n-Hexacosane (C26)	15.163	18608	0.142 ug/ml
16) T n-Octacosane (C28)	16.121	10040	0.076 ug/ml
17) T n-Tricontane (C30)	16.959	174161	1.274 ug/ml
18) T n-Dotriacontane (C32)	17.835	84682	0.632 ug/ml
19) T n-Tetratriacontane (C34)	18.578	1489510	11.423 ug/ml
20) T n-Hexatriacontane (C36)	19.379	1197541	10.085 ug/ml
21) T n-Octatriacontane (C38)	20.040	8625883	78.538 ug/ml
22) T n-Tetracontane (C40)	20.993	2873961	28.785 ug/ml

(f)=RT Delta > 1/2 Window

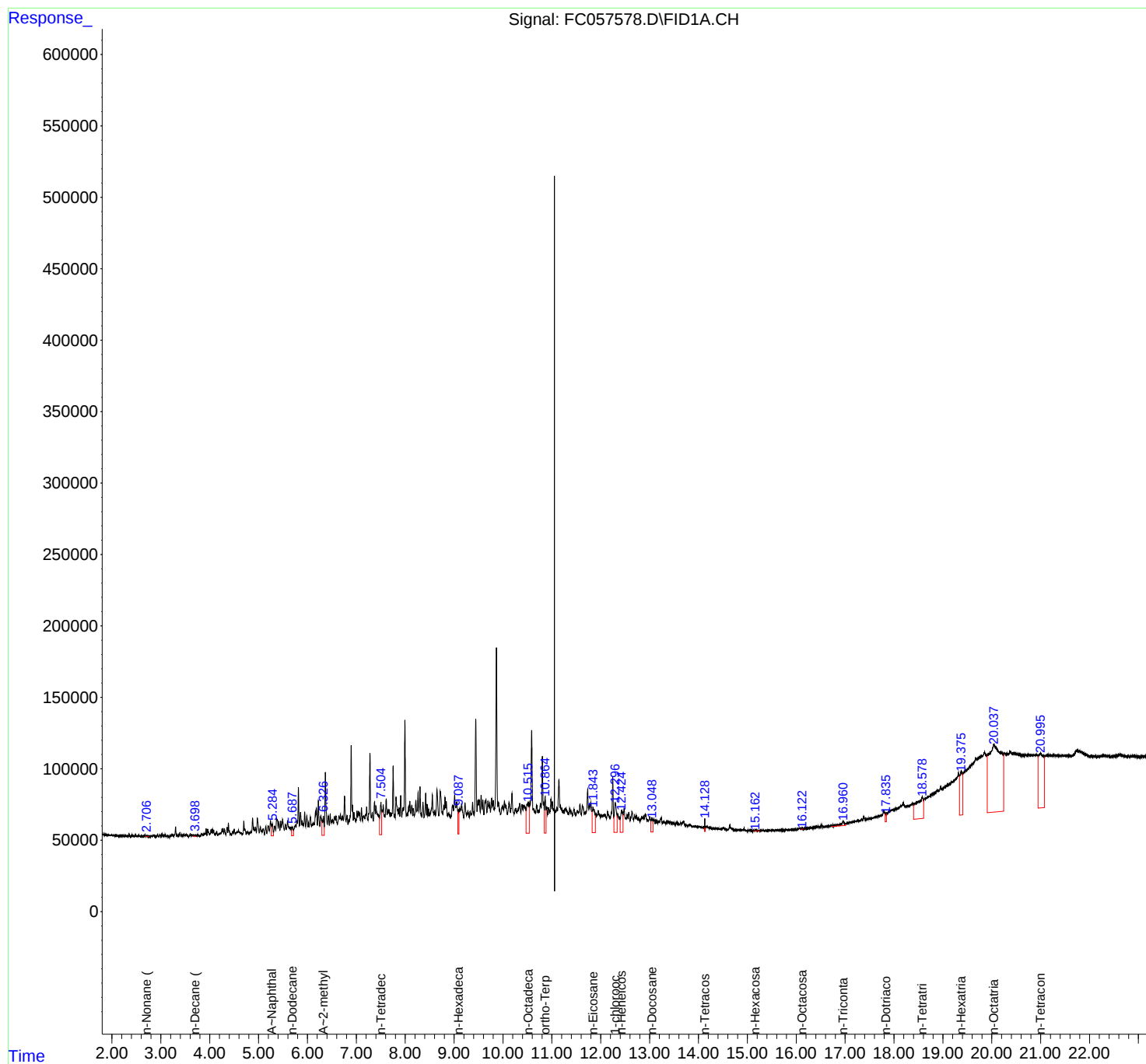
(m)=manual int.

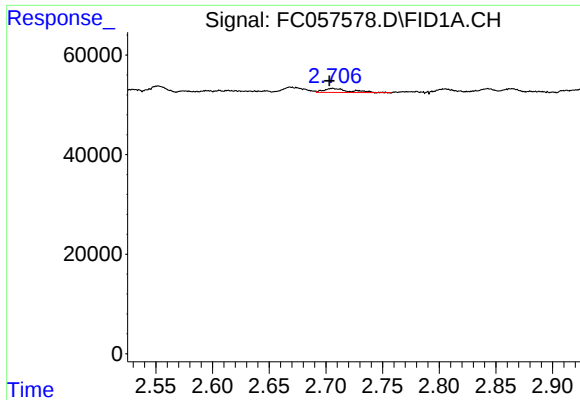
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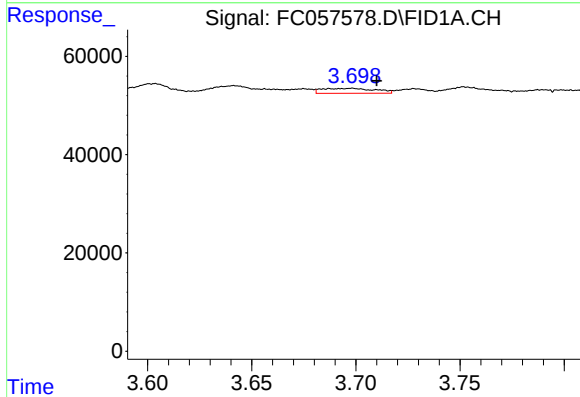




#1 n-Nonane (C9)

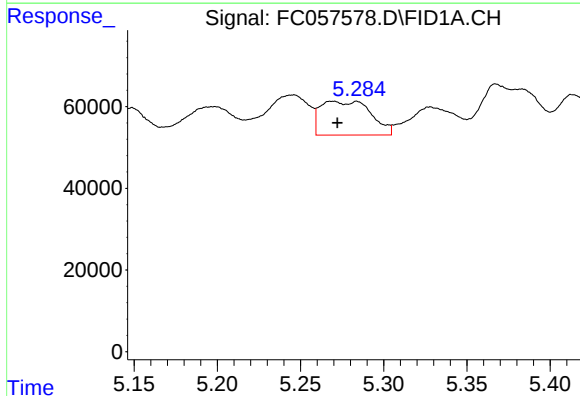
R.T.: 2.706 min
Delta R.T.: 0.003 min
Response: 12700
Conc: 0.10 ug/ml

Instrument :
FID_C
ClientSampleId :



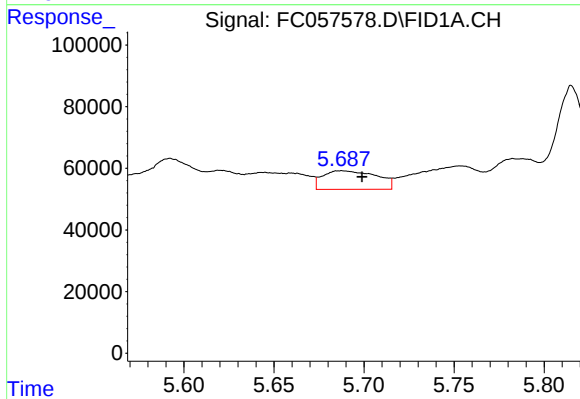
#2 n-Decane (C10)

R.T.: 3.697 min
Delta R.T.: -0.013 min
Response: 17574
Conc: 0.14 ug/ml



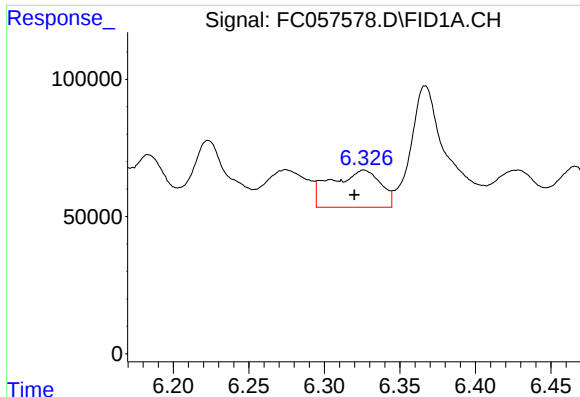
#3 A~Naphthalene (C11.7)

R.T.: 5.269 min
Delta R.T.: -0.003 min
Response: 175255
Conc: 1.26 ug/ml



#4 n-Dodecane (C12)

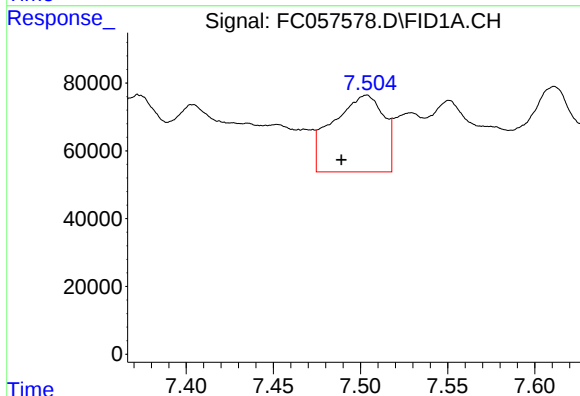
R.T.: 5.688 min
Delta R.T.: -0.011 min
Response: 125592
Conc: 1.02 ug/ml



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

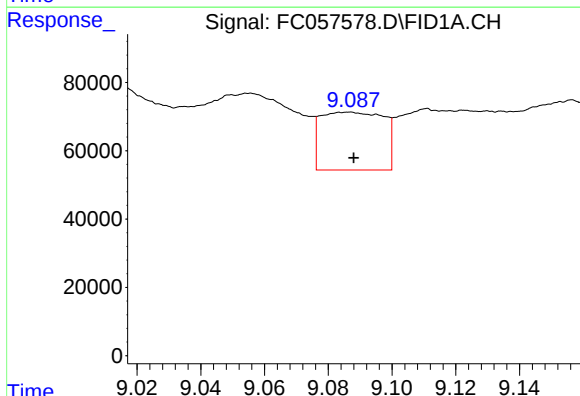
R.T.: 6.326 min
Delta R.T.: 0.006 min
Response: 307417
Conc: 2.20 ug/ml

Instrument :
FID_C
ClientSampleId :



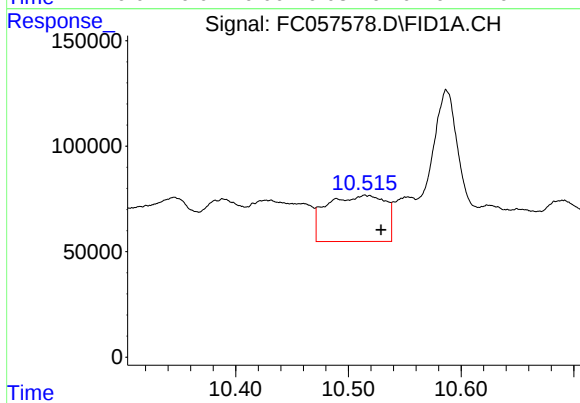
#6 n-Tetradecane (C14)

R.T.: 7.503 min
Delta R.T.: 0.014 min
Response: 459449
Conc: 3.71 ug/ml



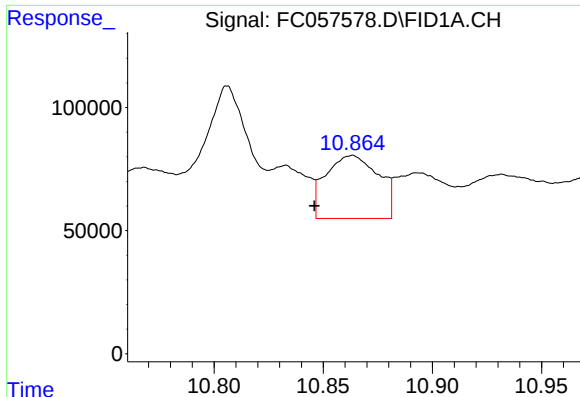
#7 n-Hexadecane (C16)

R.T.: 9.086 min
Delta R.T.: -0.002 min
Response: 232088
Conc: 1.85 ug/ml



#8 n-Octadecane (C18)

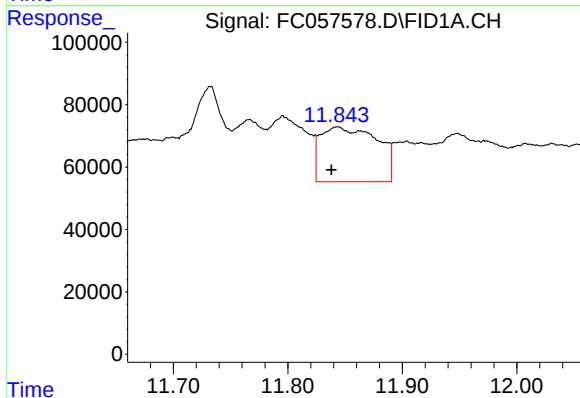
R.T.: 10.516 min
Delta R.T.: -0.013 min
Response: 785620
Conc: 6.07 ug/ml



#9 ortho-Terphenyl (SURR)

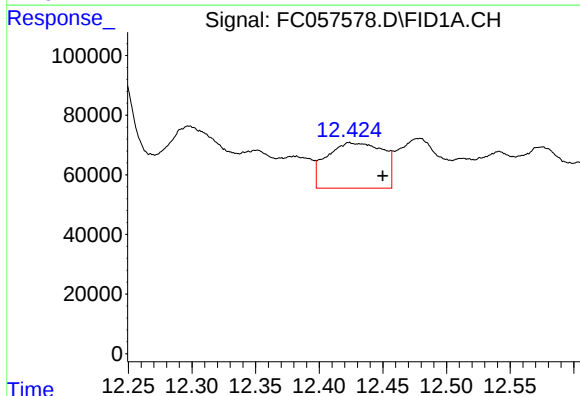
R.T.: 10.863 min
Delta R.T.: 0.017 min
Response: 428320
Conc: 3.08 ug/ml

Instrument :
FID_C
ClientSampleId :



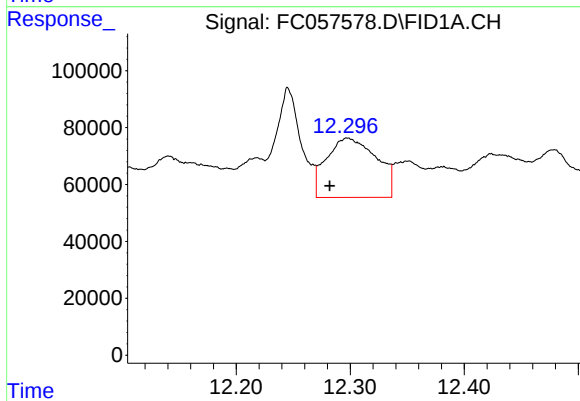
#10 n-Eicosane (C20)

R.T.: 11.843 min
Delta R.T.: 0.005 min
Response: 606342
Conc: 4.67 ug/ml



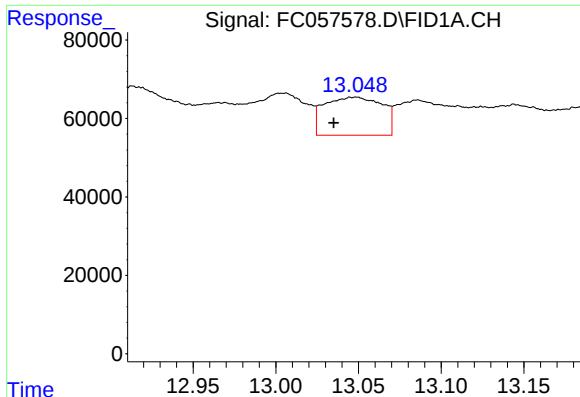
#11 n-Heneicosane (C21)

R.T.: 12.425 min
Delta R.T.: -0.025 min
Response: 468941
Conc: 3.57 ug/ml



#12 1-chlorooctadecane (SURR)

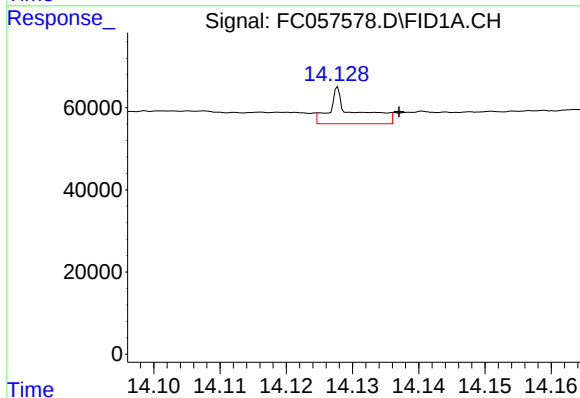
R.T.: 12.298 min
Delta R.T.: 0.016 min
Response: 638195
Conc: 5.76 ug/ml



#13 n-Docosane (C22)

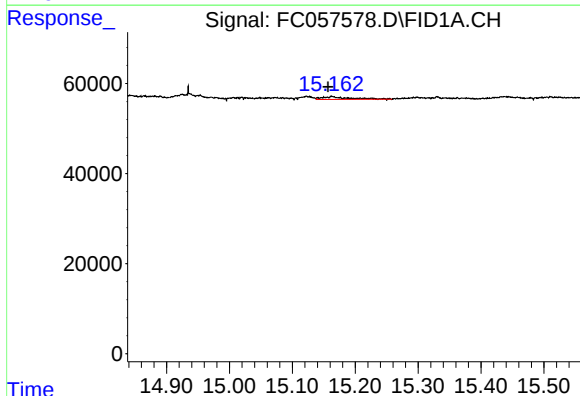
R.T.: 13.047 min
Delta R.T.: 0.012 min
Response: 237162
Conc: 1.80 ug/ml

Instrument :
FID_C
ClientSampleId :



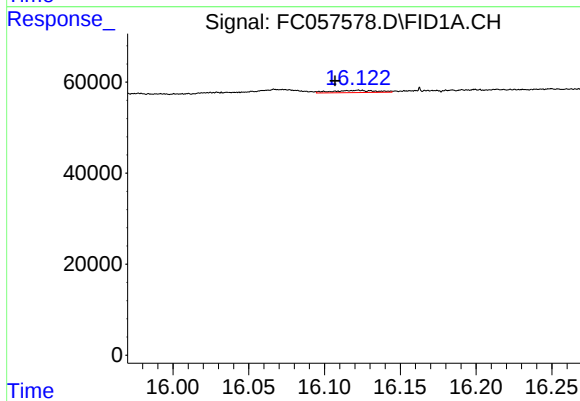
#14 n-Tetracosane (C24)

R.T.: 14.128 min
Delta R.T.: -0.009 min
Response: 22361
Conc: 0.17 ug/ml



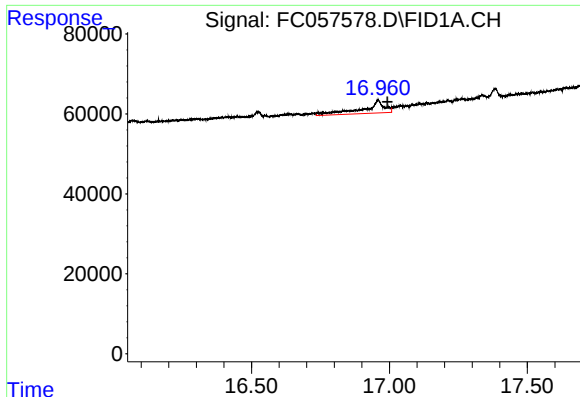
#15 n-Hexacosane (C26)

R.T.: 15.163 min
Delta R.T.: 0.006 min
Response: 18608
Conc: 0.14 ug/ml



#16 n-Octacosane (C28)

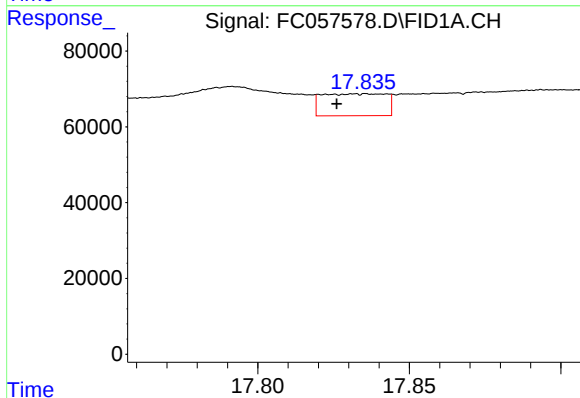
R.T.: 16.121 min
Delta R.T.: 0.014 min
Response: 10040
Conc: 0.08 ug/ml



#17 n-Tricontane (C30)

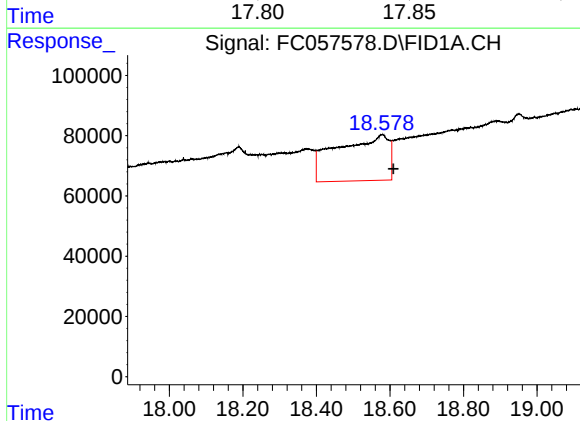
R.T.: 16.959 min
Delta R.T.: -0.034 min
Response: 174161
Conc: 1.27 ug/ml

Instrument :
FID_C
ClientSampleId :



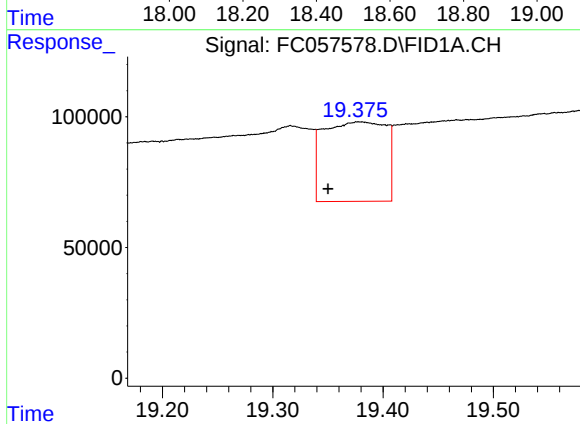
#18 n-Dotriacontane (C32)

R.T.: 17.835 min
Delta R.T.: 0.009 min
Response: 84682
Conc: 0.63 ug/ml



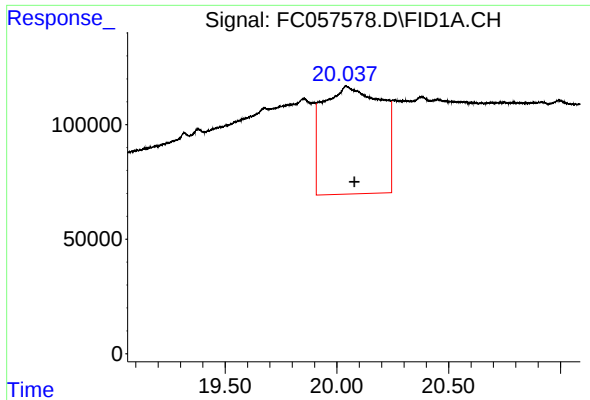
#19 n-Tetratriacontane (C34)

R.T.: 18.578 min
Delta R.T.: -0.032 min
Response: 1489510
Conc: 11.42 ug/ml



#20 n-Hexatriacontane (C36)

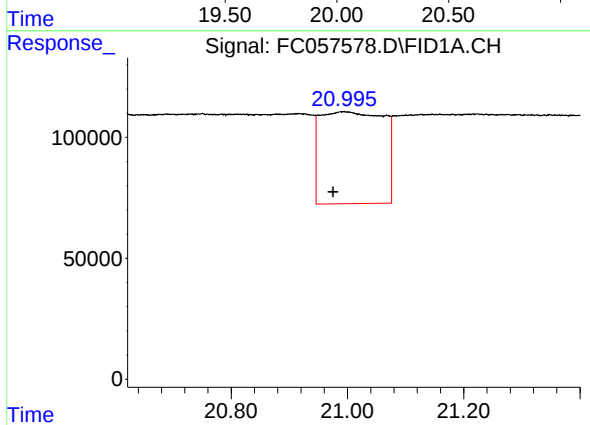
R.T.: 19.379 min
Delta R.T.: 0.029 min
Response: 1197541
Conc: 10.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.040 min
Delta R.T.: -0.039 min
Response: 8625883
Conc: 78.54 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.993 min
Delta R.T.: 0.018 min
Response: 2873961
Conc: 28.78 ug/ml