

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121621AL\
 Data File : FC057543.D
 Signal(s) : FID1A.CH
 Acq On : 16 Dec 2021 22:56
 Operator : AJ\MA
 Sample : M5044-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: sample.E
 Quant Time: Dec 17 01:33:01 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)	10.823	9400017	67.550 ug/ml
Spiked Amount 50.000		Recovery =	135.10%
12) S 1-chlorooctadecane (S...	12.259	5419663	48.940 ug/ml
Spiked Amount 50.000		Recovery =	97.88%
Target Compounds			
1) T n-Nonane (C9)	2.712	989240	8.007 ug/ml
2) T n-Decane (C10)	3.698	6218413	49.925 ug/ml
3) T A~Naphthalene (C11.7)	5.263	32269588	232.603 ug/ml
4) T n-Dodecane (C12)	5.683	9675582	78.348 ug/ml
5) T A~2-methylnaphthalene...	6.316	38015398	271.843 ug/ml
6) T n-Tetradecane (C14)	7.468	3052632	24.652 ug/ml
7) T n-Hexadecane (C16)	9.097	738637	5.891 ug/ml
8) T n-Octadecane (C18)	10.506	2352649	18.176 ug/ml
10) T n-Eicosane (C20)	11.857	2401880	18.489 ug/ml
11) T n-Heneicosane (C21)	12.429	1476133	11.247 ug/ml
13) T n-Docosane (C22)	13.013	1112174	8.462 ug/ml
14) T n-Tetracosane (C24)	14.111	242245	1.821 ug/ml
15) T n-Hexacosane (C26)	15.168	39334	0.300 ug/ml
16) T n-Octacosane (C28)	16.130	80608	0.613 ug/ml
17) T n-Tricontane (C30)	16.968	590865	4.323 ug/ml
18) T n-Dotriacontane (C32)	17.799	1113905	8.308 ug/ml
19) T n-Tetratriacontane (C34)	18.584	1622117	12.440 ug/ml
20) T n-Hexatriacontane (C36)	19.323	7298002	61.462 ug/ml
21) T n-Octatriacontane (C38)	20.048	5140467	46.803 ug/ml
22) T n-Tetracontane (C40)	21.011	4620181	46.274 ug/ml

(f)=RT Delta > 1/2 Window

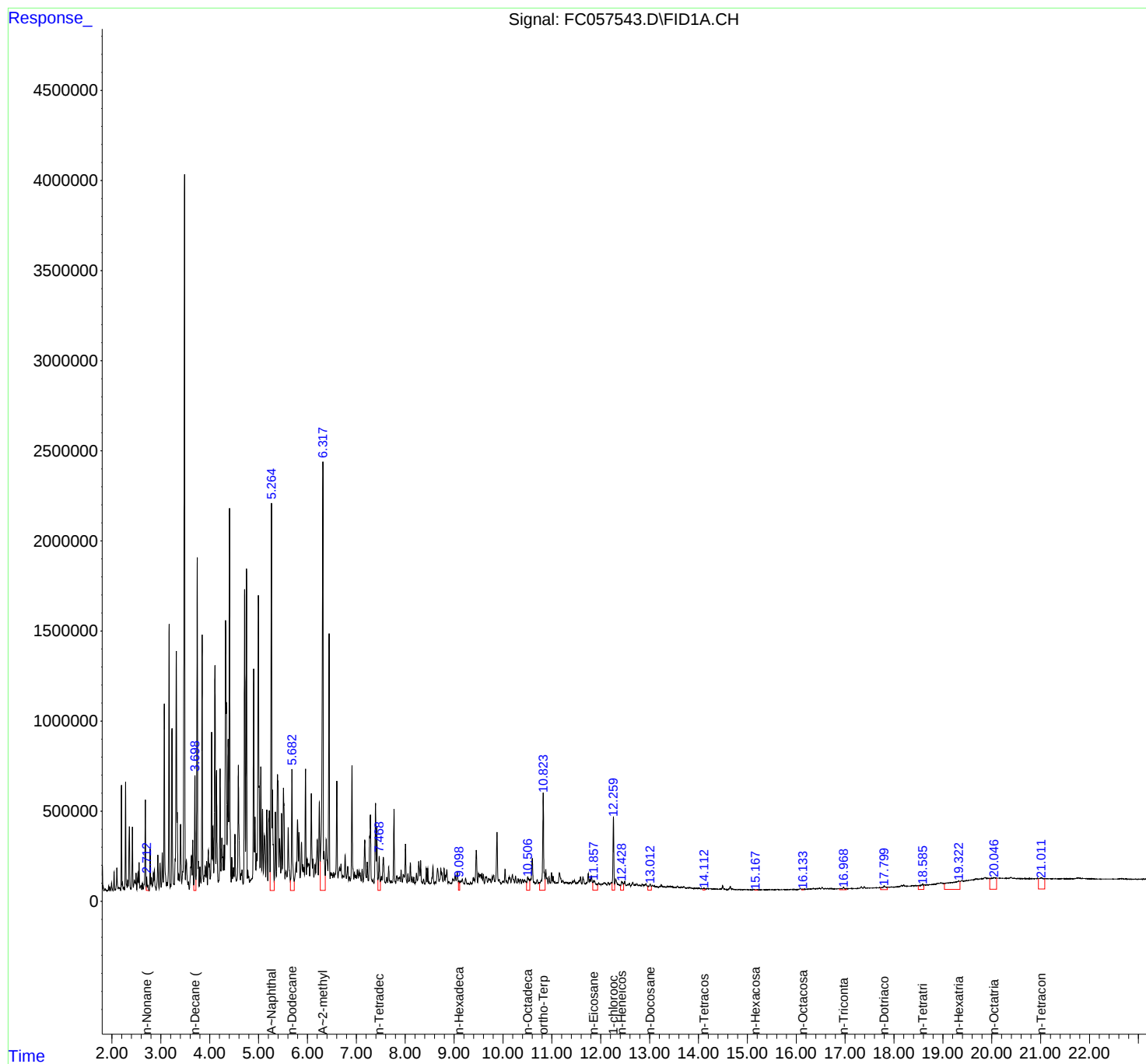
(m)=manual int.

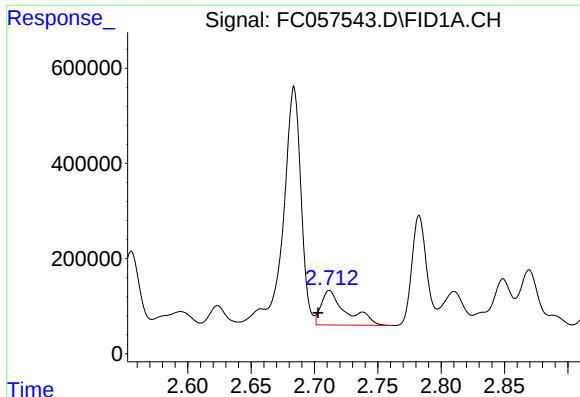
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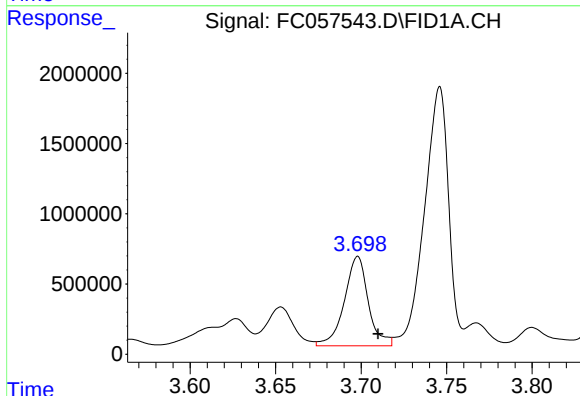




#1 n-Nonane (C9)

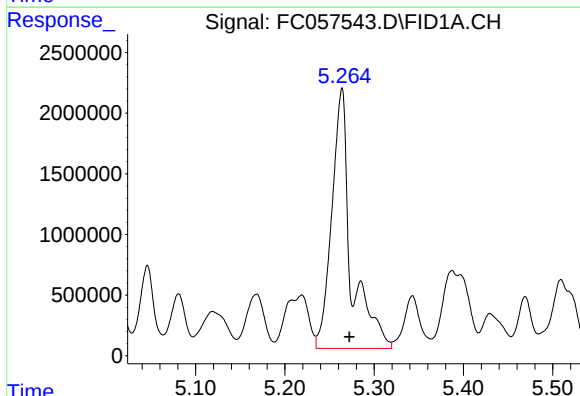
R.T.: 2.712 min
Delta R.T.: 0.009 min
Response: 989240
Conc: 8.01 ug/ml

Instrument :
FID_C
ClientSampleId :



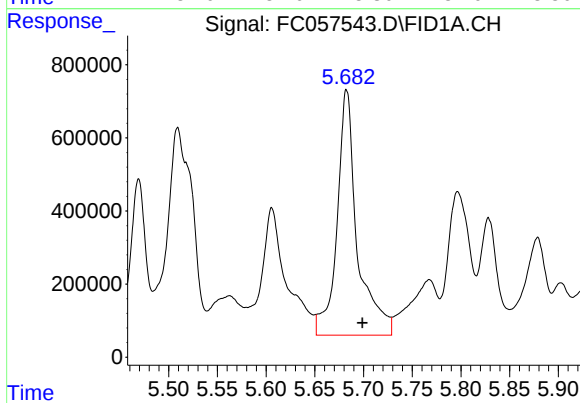
#2 n-Decane (C10)

R.T.: 3.698 min
Delta R.T.: -0.012 min
Response: 6218413
Conc: 49.92 ug/ml



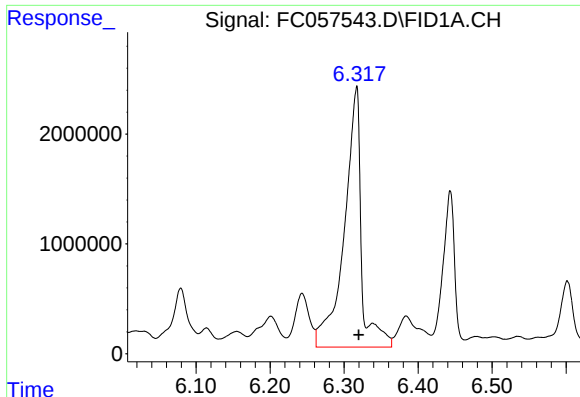
#3 A~Naphthalene (C11.7)

R.T.: 5.263 min
Delta R.T.: -0.009 min
Response: 32269588
Conc: 232.60 ug/ml



#4 n-Dodecane (C12)

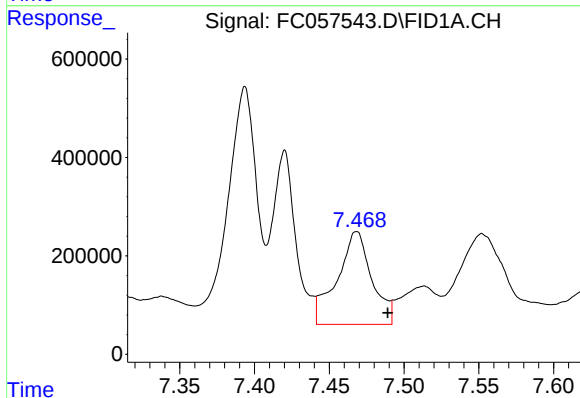
R.T.: 5.683 min
Delta R.T.: -0.016 min
Response: 9675582
Conc: 78.35 ug/ml



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

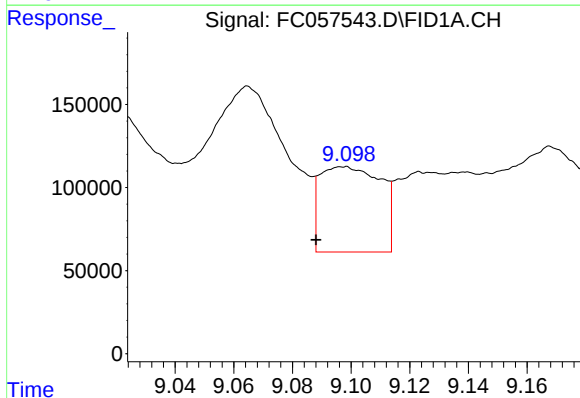
R.T.: 6.316 min
Delta R.T.: -0.004 min
Response: 38015398
Conc: 271.84 ug/ml

Instrument :
FID_C
ClientSampleId :



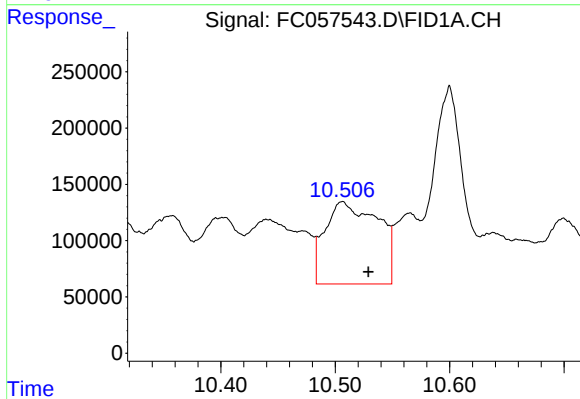
#6 n-Tetradecane (C14)

R.T.: 7.468 min
Delta R.T.: -0.021 min
Response: 3052632
Conc: 24.65 ug/ml



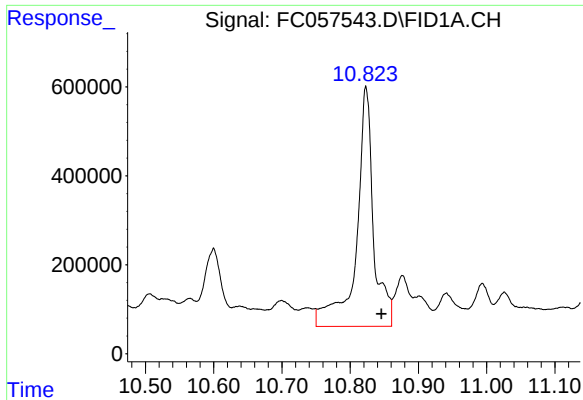
#7 n-Hexadecane (C16)

R.T.: 9.097 min
Delta R.T.: 0.009 min
Response: 738637
Conc: 5.89 ug/ml



#8 n-Octadecane (C18)

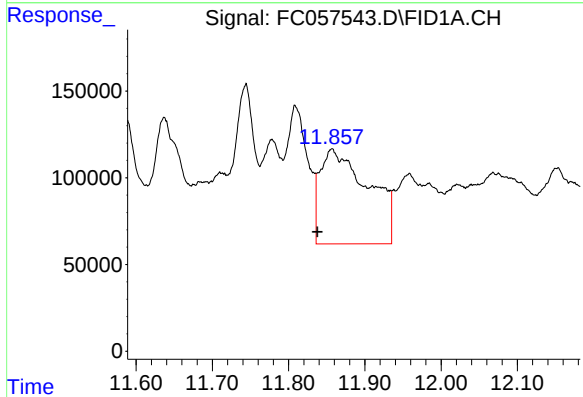
R.T.: 10.506 min
Delta R.T.: -0.023 min
Response: 2352649
Conc: 18.18 ug/ml



#9 ortho-Terphenyl (SURR)

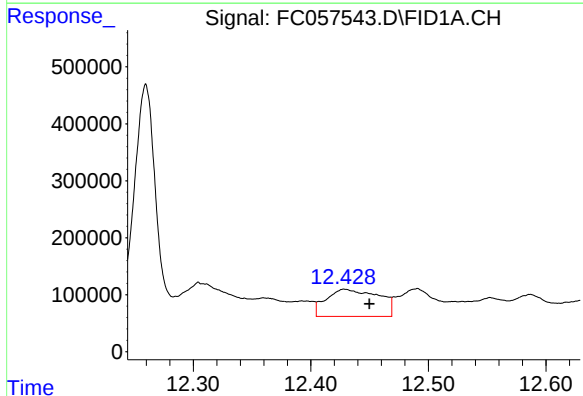
R.T.: 10.823 min
Delta R.T.: -0.023 min
Response: 9400017
Conc: 67.55 ug/ml

Instrument :
FID_C
ClientSampleId :



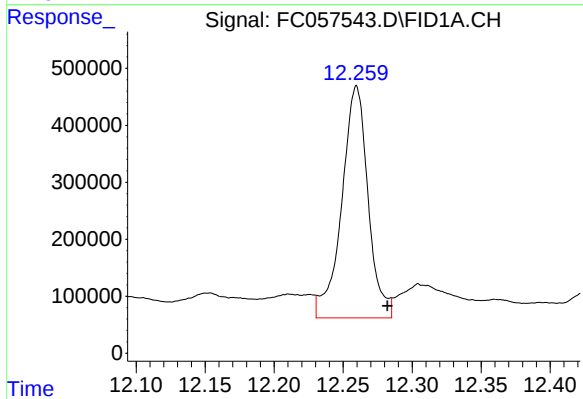
#10 n-Eicosane (C20)

R.T.: 11.857 min
Delta R.T.: 0.019 min
Response: 2401880
Conc: 18.49 ug/ml



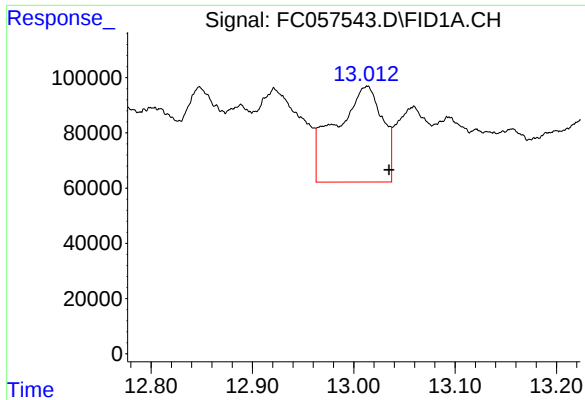
#11 n-Heneicosane (C21)

R.T.: 12.429 min
Delta R.T.: -0.021 min
Response: 1476133
Conc: 11.25 ug/ml



#12 1-chlorooctadecane (SURR)

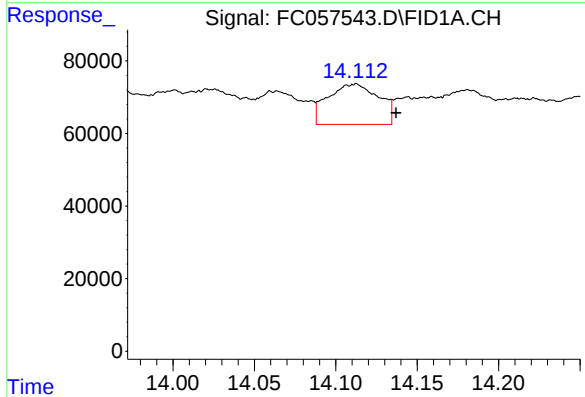
R.T.: 12.259 min
Delta R.T.: -0.023 min
Response: 5419663
Conc: 48.94 ug/ml



#13 n-Docosane (C22)

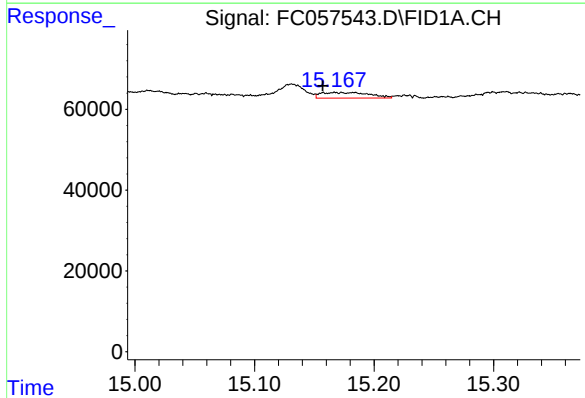
R.T.: 13.013 min
Delta R.T.: -0.022 min
Response: 1112174
Conc: 8.46 ug/ml

Instrument :
FID_C
ClientSampleId :



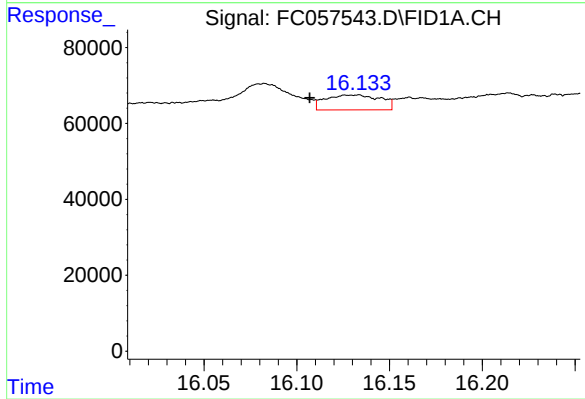
#14 n-Tetracosane (C24)

R.T.: 14.111 min
Delta R.T.: -0.026 min
Response: 242245
Conc: 1.82 ug/ml



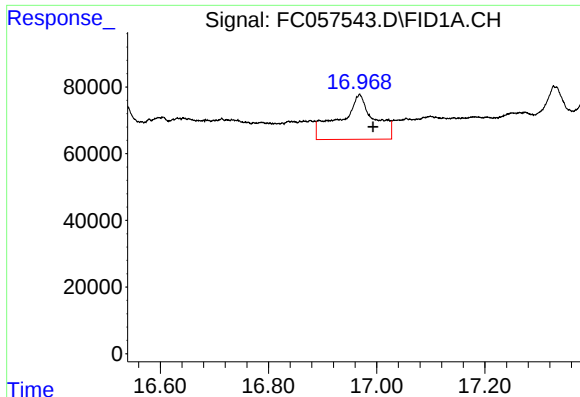
#15 n-Hexacosane (C26)

R.T.: 15.168 min
Delta R.T.: 0.011 min
Response: 39334
Conc: 0.30 ug/ml



#16 n-Octacosane (C28)

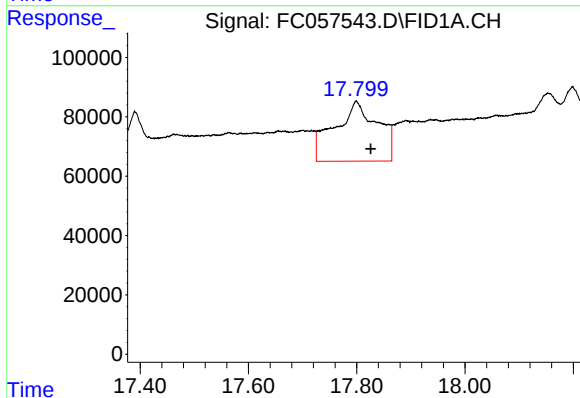
R.T.: 16.130 min
Delta R.T.: 0.023 min
Response: 80608
Conc: 0.61 ug/ml



#17 n-Tricontane (C30)

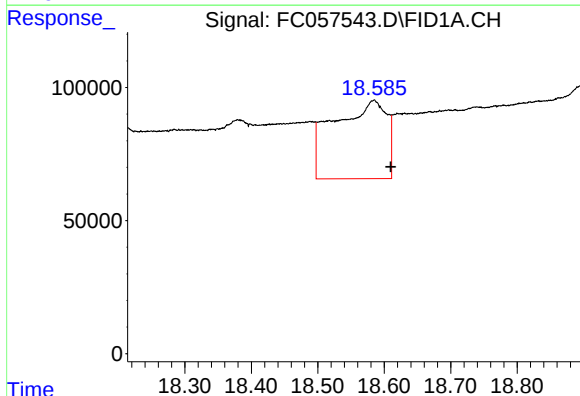
R.T.: 16.968 min
Delta R.T.: -0.025 min
Response: 590865
Conc: 4.32 ug/ml

Instrument :
FID_C
ClientSampleId :



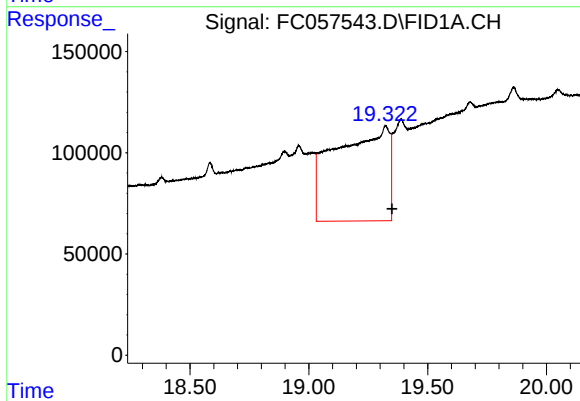
#18 n-Dotriacontane (C32)

R.T.: 17.799 min
Delta R.T.: -0.027 min
Response: 1113905
Conc: 8.31 ug/ml



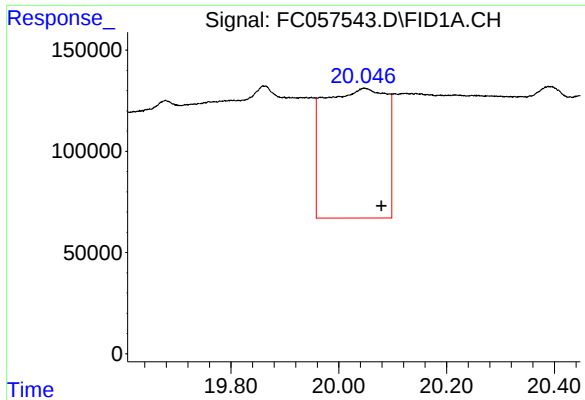
#19 n-Tetratriacontane (C34)

R.T.: 18.584 min
Delta R.T.: -0.026 min
Response: 1622117
Conc: 12.44 ug/ml



#20 n-Hexatriacontane (C36)

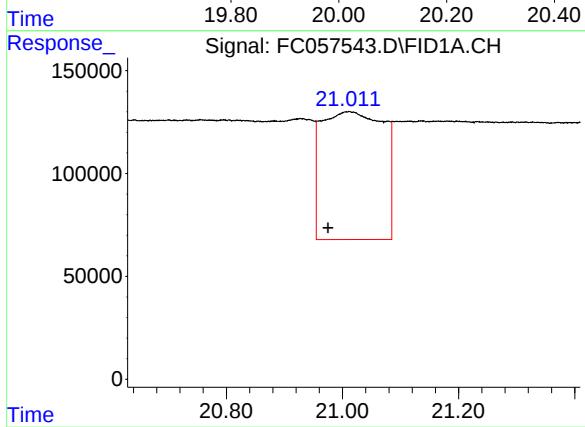
R.T.: 19.323 min
Delta R.T.: -0.027 min
Response: 7298002
Conc: 61.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.048 min
Delta R.T.: -0.031 min
Response: 5140467
Conc: 46.80 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.011 min
Delta R.T.: 0.036 min
Response: 4620181
Conc: 46.27 ug/ml