

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031721AL\
 Data File : FC052459.D
 Signal(s) : FID1A.CH
 Acq On : 17 Mar 2021 1:58
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 17 02:50:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 02:15:20 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)	11.569	1390382	10.498 ug/ml
Spiked Amount 50.000		Recovery =	21.00%
12) S 1-chlorooctadecane (S...	13.005	1124018	10.558 ug/ml
Spiked Amount 50.000		Recovery =	21.12%
Target Compounds			
1) T n-Nonane (C9)	3.330	1204509	10.496 ug/ml
2) T n-Decane (C10)	4.396	1216920	10.488 ug/ml
3) T A~Naphthalene (C11.7)	5.982	1356020	10.453 ug/ml
4) T n-Dodecane (C12)	6.415	1250165	10.522 ug/ml
5) T A~2-methylnaphthalene...	7.039	1387058	10.412 ug/ml
6) T n-Tetradecane (C14)	8.211	1253082	10.473 ug/ml
7) T n-Hexadecane (C16)	9.811	1250412	10.541 ug/ml
8) T n-Octadecane (C18)	11.253	1311899	10.557 ug/ml
10) T n-Eicosane (C20)	12.562	1329394	10.566 ug/ml
11) T n-Heneicosane (C21)	13.174	1324273	10.590 ug/ml
13) T n-Docosane (C22)	13.759	1320492	10.599 ug/ml
14) T n-Tetracosane (C24)	14.860	1300825	10.587 ug/ml
15) T n-Hexacosane (C26)	15.881	1255502	10.615 ug/ml
16) T n-Octacosane (C28)	16.829	1201277	10.630 ug/ml
17) T n-Tricontane (C30)	17.715	1134425	10.702 ug/ml
18) T n-Dotriacontane (C32)	18.548	1041208	10.746 ug/ml
19) T n-Tetratriacontane (C34)	19.330	953574	10.599 ug/ml
20) T n-Hexatriacontane (C36)	20.069	922357	10.438 ug/ml
21) T n-Octatriacontane (C38)	20.800	834219	10.364 ug/ml
22) T n-Tetracontane (C40)	21.704	878383	10.431 ug/ml

(f)=RT Delta > 1/2 Window

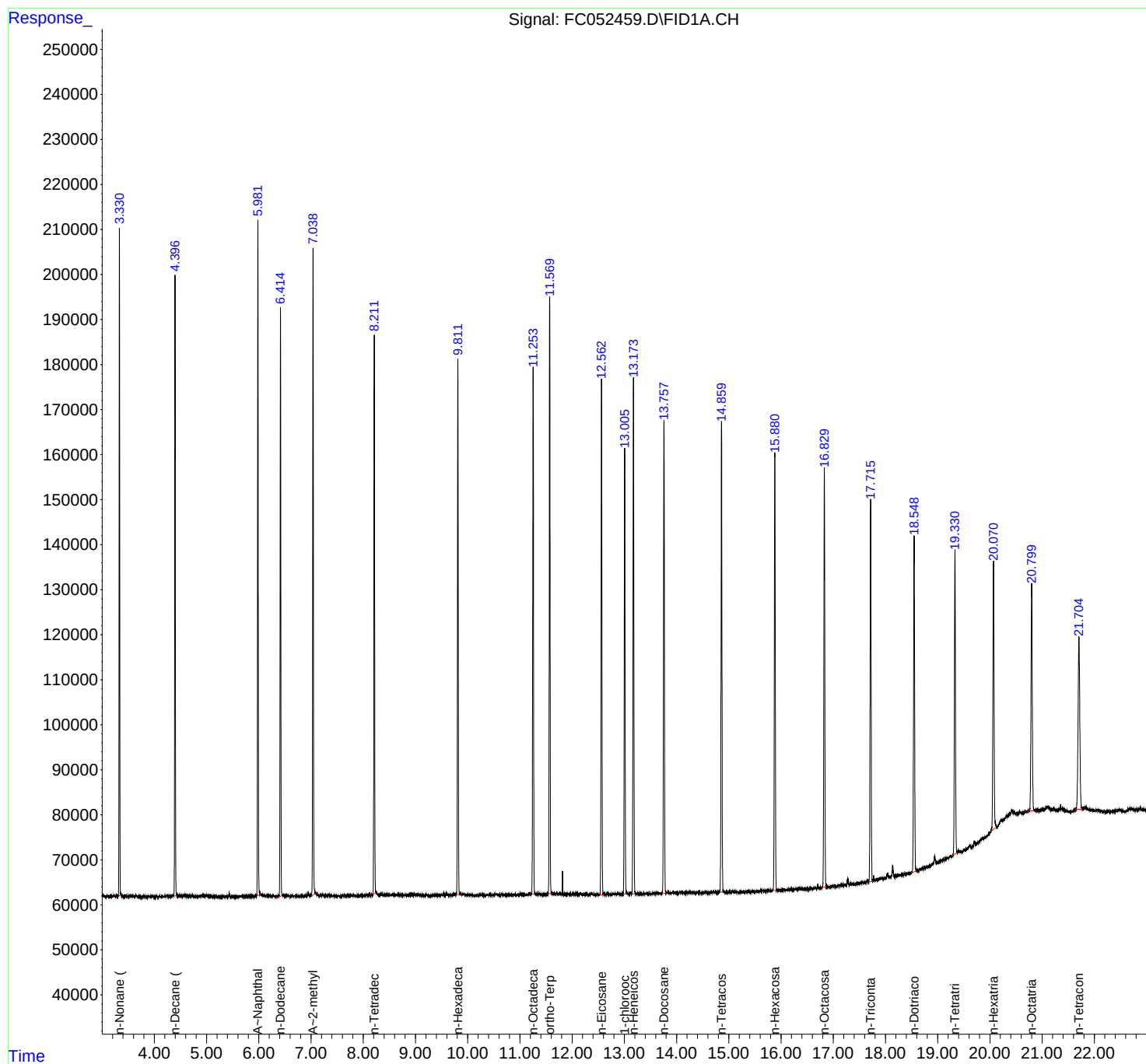
(m)=manual int.

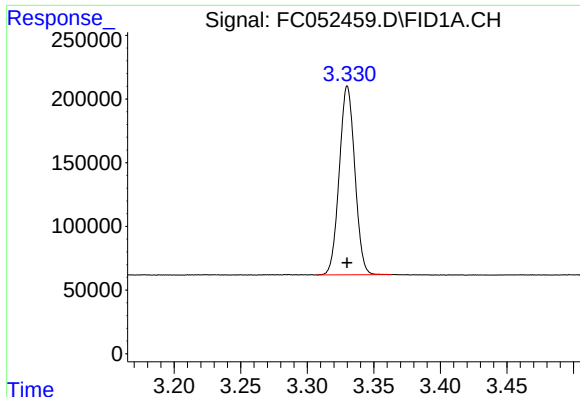
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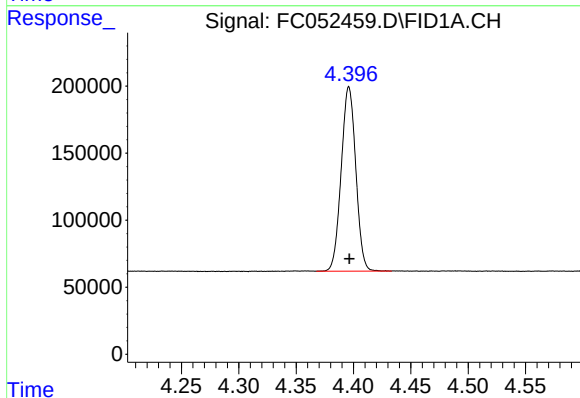




#1 n-Nonane (C9)

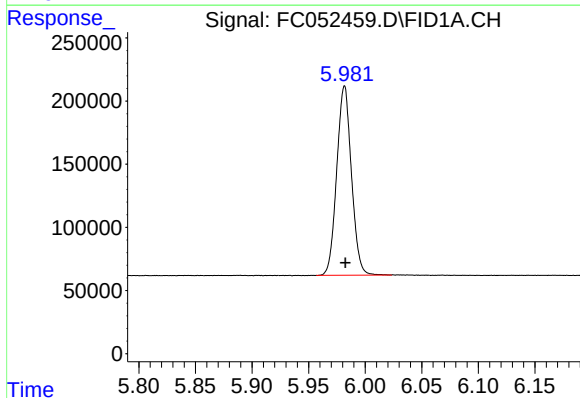
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 1204509
Conc: 10.50 ug/ml

Instrument :
FID_C
ClientSampleId :



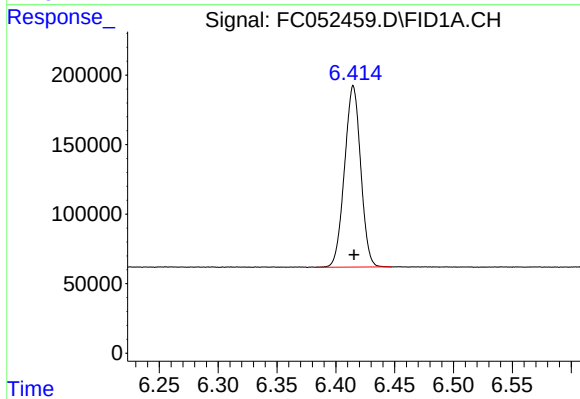
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 1216920
Conc: 10.49 ug/ml



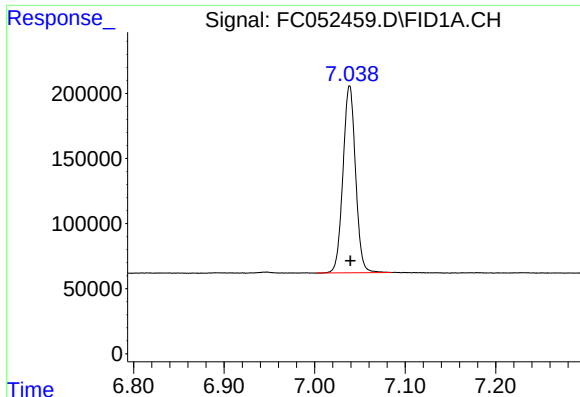
#3 A~Naphthalene (C11.7)

R.T.: 5.982 min
Delta R.T.: 0.000 min
Response: 1356020
Conc: 10.45 ug/ml



#4 n-Dodecane (C12)

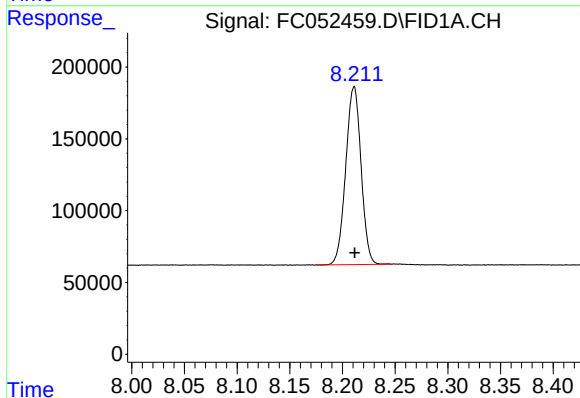
R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 1250165
Conc: 10.52 ug/ml



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

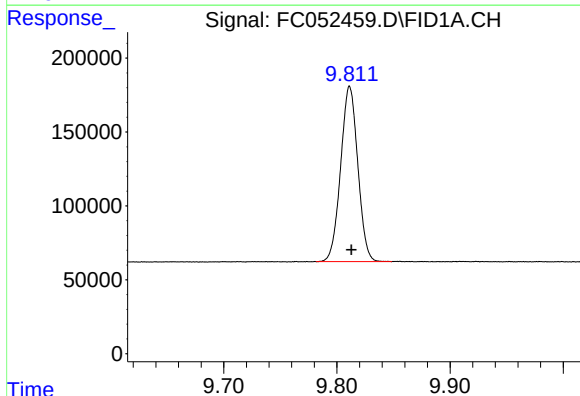
R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 1387058
Conc: 10.41 ug/ml

Instrument :
FID_C
ClientSampleId :



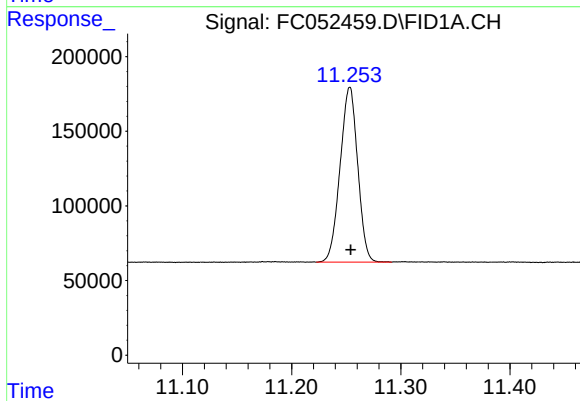
#6 n-Tetradecane (C14)

R.T.: 8.211 min
Delta R.T.: 0.000 min
Response: 1253082
Conc: 10.47 ug/ml



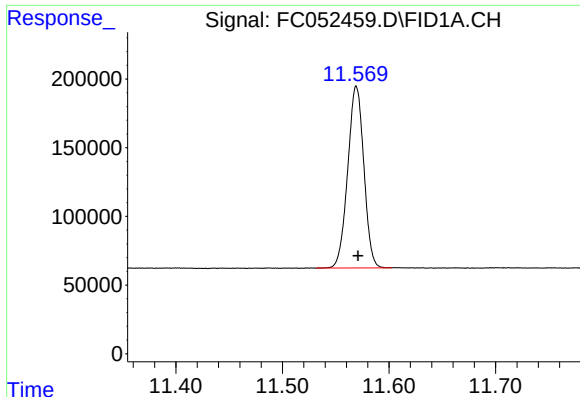
#7 n-Hexadecane (C16)

R.T.: 9.811 min
Delta R.T.: -0.001 min
Response: 1250412
Conc: 10.54 ug/ml



#8 n-Octadecane (C18)

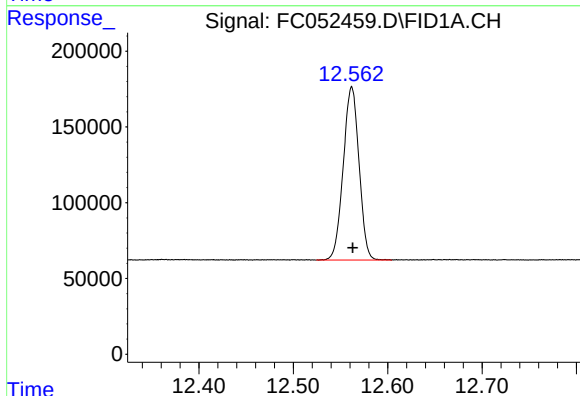
R.T.: 11.253 min
Delta R.T.: 0.000 min
Response: 1311899
Conc: 10.56 ug/ml



#9 ortho-Terphenyl (SURR)

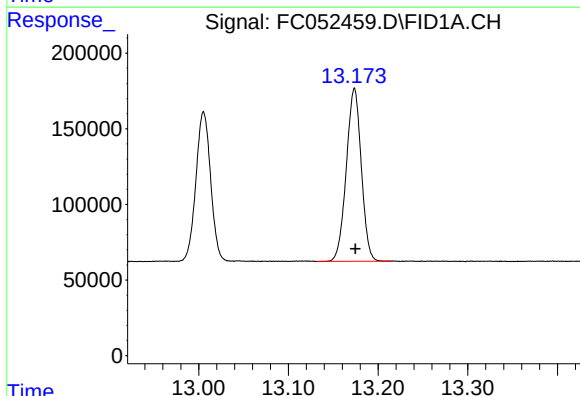
R.T.: 11.569 min
Delta R.T.: -0.002 min
Response: 1390382
Conc: 10.50 ug/ml

Instrument :
FID_C
ClientSampleId :



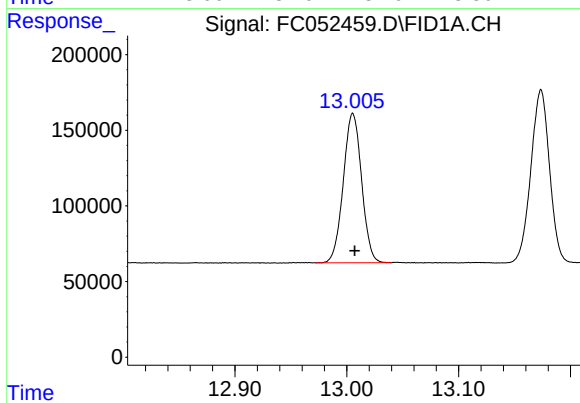
#10 n-Eicosane (C20)

R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 1329394
Conc: 10.57 ug/ml



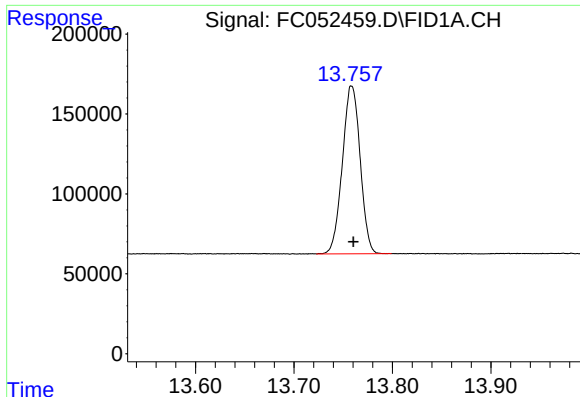
#11 n-Heneicosane (C21)

R.T.: 13.174 min
Delta R.T.: 0.000 min
Response: 1324273
Conc: 10.59 ug/ml



#12 1-chlorooctadecane (SURR)

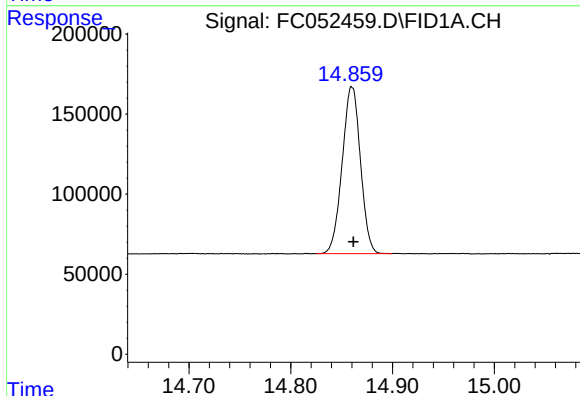
R.T.: 13.005 min
Delta R.T.: -0.002 min
Response: 1124018
Conc: 10.56 ug/ml



#13 n-Docosane (C22)

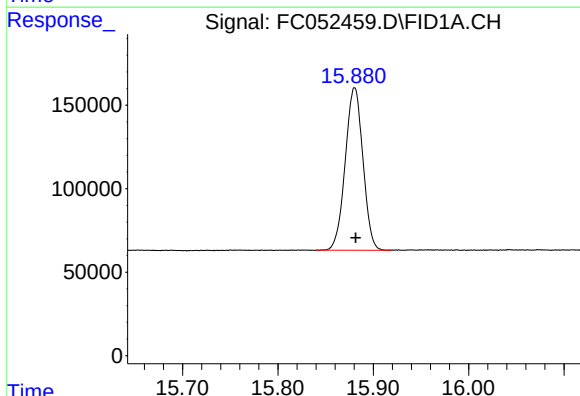
R.T.: 13.759 min
Delta R.T.: -0.002 min
Response: 1320492
Conc: 10.60 ug/ml

Instrument :
FID_C
ClientSampleId :



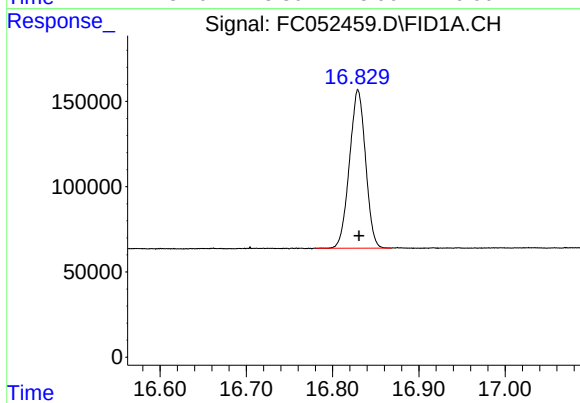
#14 n-Tetracosane (C24)

R.T.: 14.860 min
Delta R.T.: -0.002 min
Response: 1300825
Conc: 10.59 ug/ml



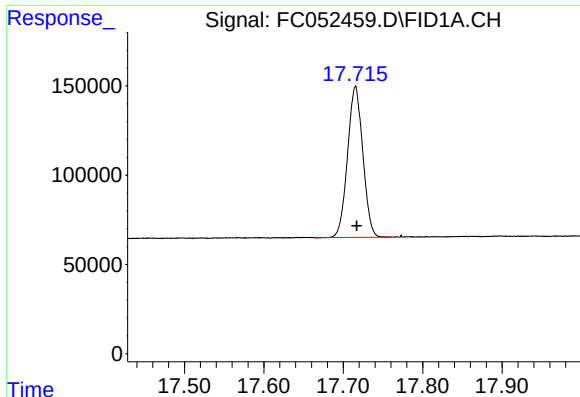
#15 n-Hexacosane (C26)

R.T.: 15.881 min
Delta R.T.: 0.000 min
Response: 1255502
Conc: 10.61 ug/ml



#16 n-Octacosane (C28)

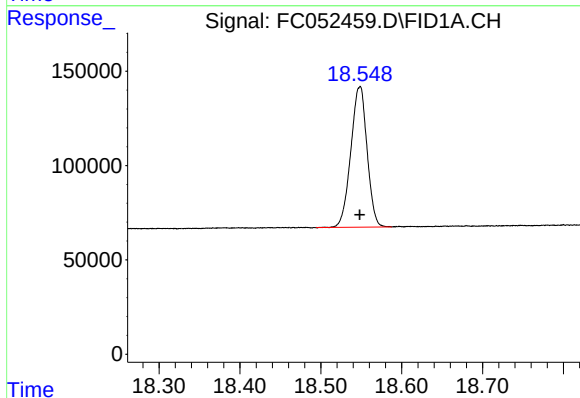
R.T.: 16.829 min
Delta R.T.: -0.001 min
Response: 1201277
Conc: 10.63 ug/ml



#17 n-Tricontane (C30)

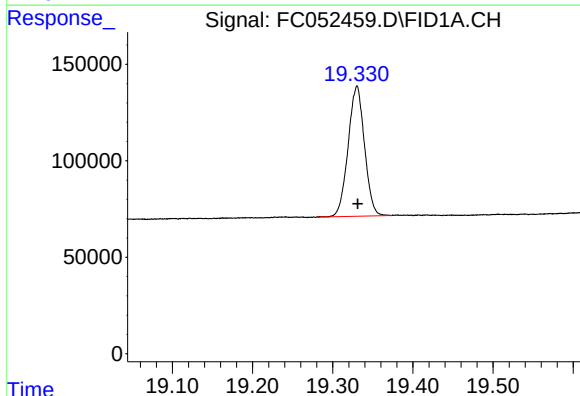
R.T.: 17.715 min
Delta R.T.: -0.001 min
Response: 1134425
Conc: 10.70 ug/ml

Instrument :
FID_C
ClientSampleId :



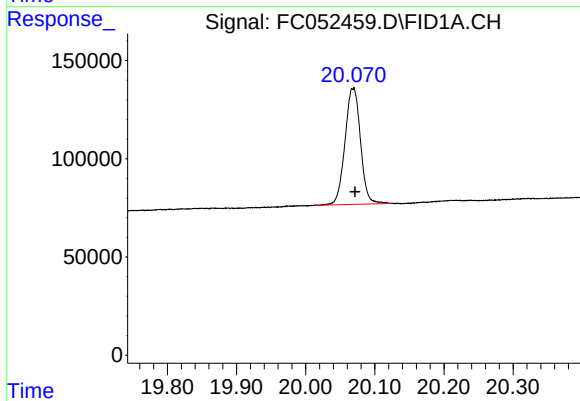
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.000 min
Response: 1041208
Conc: 10.75 ug/ml



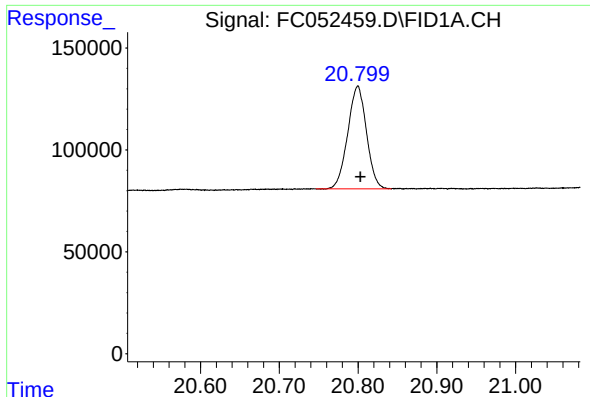
#19 n-Tetratriacontane (C34)

R.T.: 19.330 min
Delta R.T.: -0.001 min
Response: 953574
Conc: 10.60 ug/ml



#20 n-Hexatriacontane (C36)

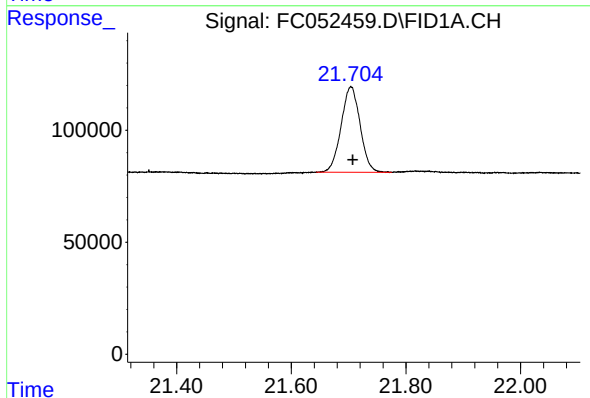
R.T.: 20.069 min
Delta R.T.: -0.003 min
Response: 922357
Conc: 10.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.003 min
Response: 834219
Conc: 10.36 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.704 min
Delta R.T.: -0.003 min
Response: 878383
Conc: 10.43 ug/ml