

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
 Data File : FC057749.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 13:05
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 06 13:55:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.708	4049760	20.944 ug/ml
Spiked Amount 50.000		Recovery =	41.89%
12) S 1-chlorooctadecane (S...	12.147	3060855	20.767 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	2.636	3431500	21.459 ug/ml
2) T n-Decane (C10)	3.626	3486262	21.690 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3957535	21.795 ug/ml
4) T n-Dodecane (C12)	5.598	3524514	21.854 ug/ml
5) T A~2-methylnaphthalene...	6.204	3994512	21.844 ug/ml
6) T n-Tetradecane (C14)	7.379	3612429	21.881 ug/ml
7) T n-Hexadecane (C16)	8.970	3628791	21.724 ug/ml
8) T n-Octadecane (C18)	10.405	3677763	21.371 ug/ml
10) T n-Eicosane (C20)	11.708	3572407	20.868 ug/ml
11) T n-Heneicosane (C21)	12.317	3565618	20.620 ug/ml
13) T n-Docosane (C22)	12.902	3494449	20.198 ug/ml
14) T n-Tetracosane (C24)	13.999	3417633	19.743 ug/ml
15) T n-Hexacosane (C26)	15.015	3241496	19.262 ug/ml
16) T n-Octacosane (C28)	15.962	3153293	19.269 ug/ml
17) T n-Tricontane (C30)	16.846	3100134	19.857 ug/ml
18) T n-Dotriacontane (C32)	17.677	2912428	20.889 ug/ml
19) T n-Tetratriacontane (C34)	18.458	2689928	21.643 ug/ml
20) T n-Hexatriacontane (C36)	19.196	2475873	22.269 ug/ml
21) T n-Octatriacontane (C38)	19.902	2373155	22.750 ug/ml
22) T n-Tetracontane (C40)	20.730	2344200	24.482 ug/ml

(f)=RT Delta > 1/2 Window

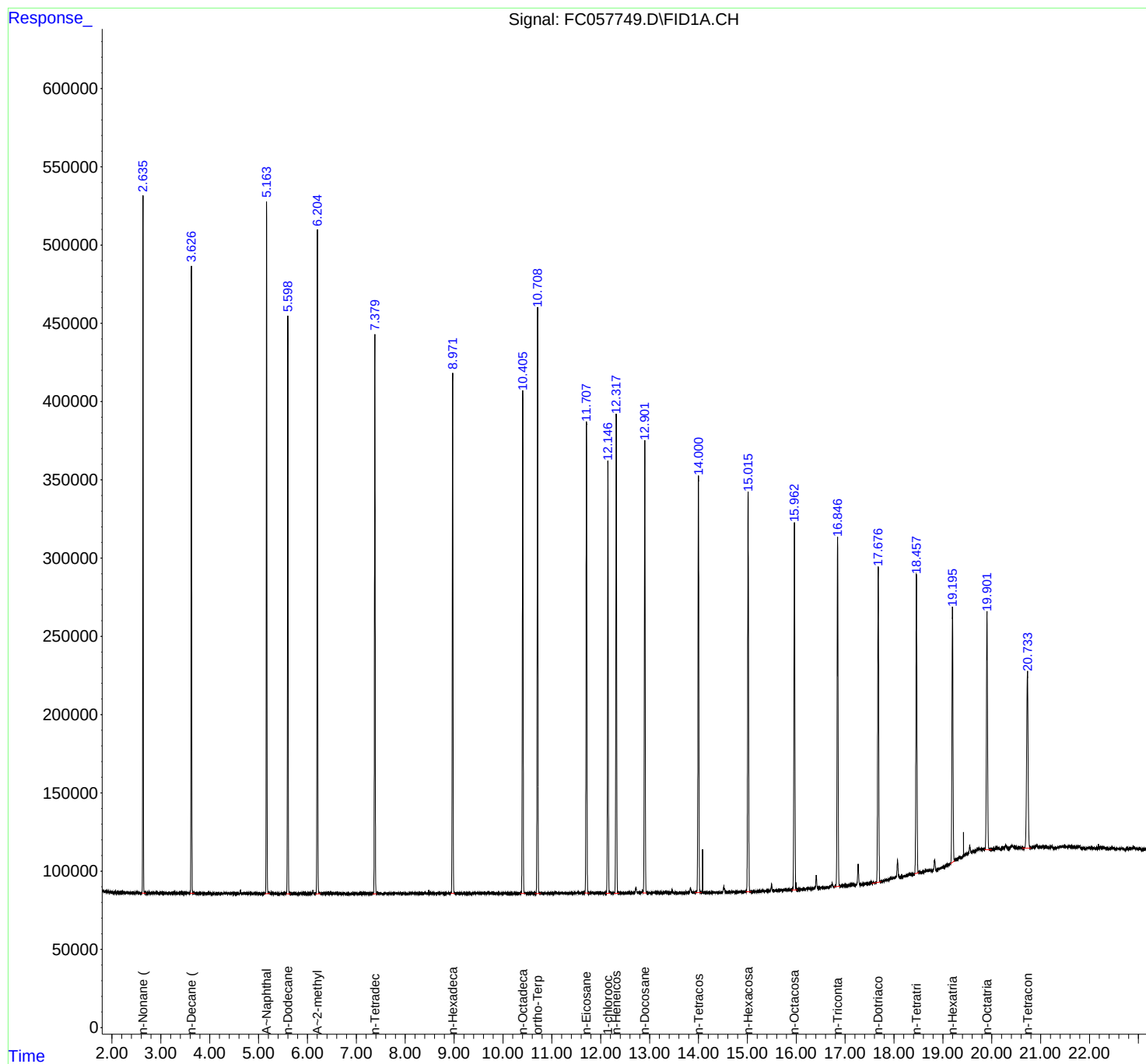
(m)=manual int.

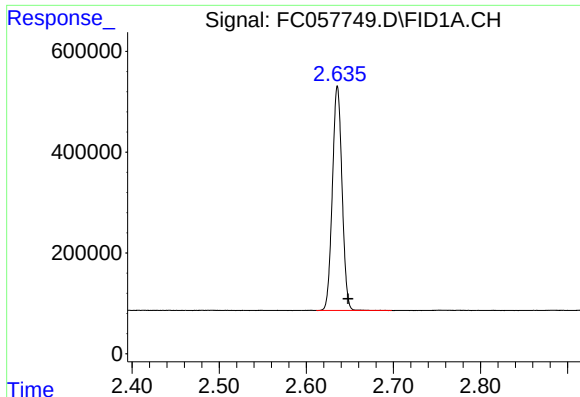
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010622AL\
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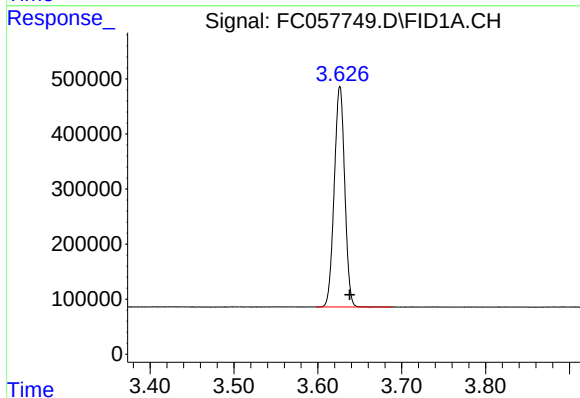




#1 n-Nonane (C9)

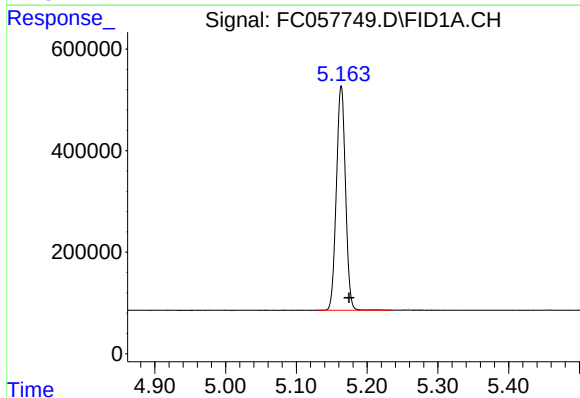
R.T.: 2.636 min
Delta R.T.: -0.012 min
Response: 3431500
Conc: 21.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



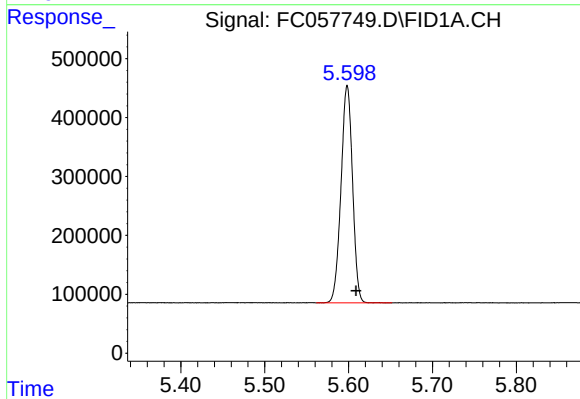
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 3486262
Conc: 21.69 ug/ml



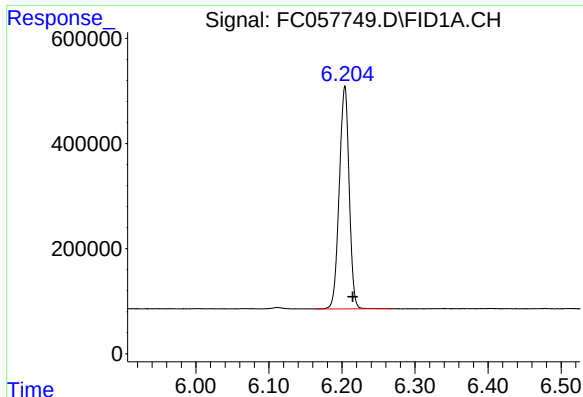
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.011 min
Response: 3957535
Conc: 21.79 ug/ml



#4 n-Dodecane (C12)

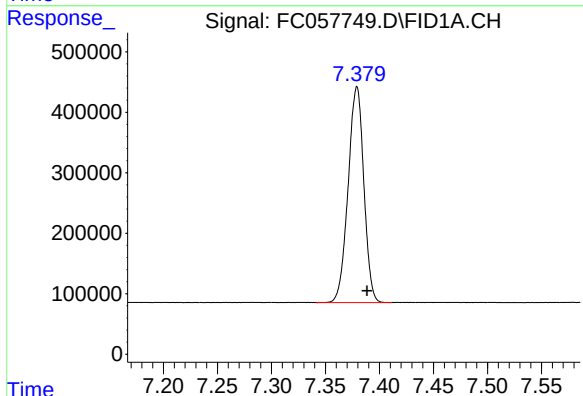
R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 3524514
Conc: 21.85 ug/ml



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

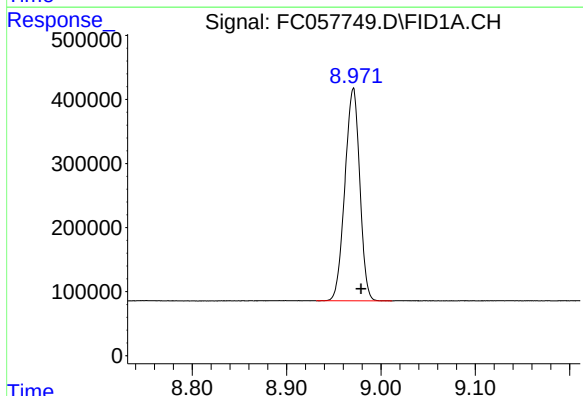
R.T.: 6.204 min
Delta R.T.: -0.011 min
Response: 3994512
Conc: 21.84 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



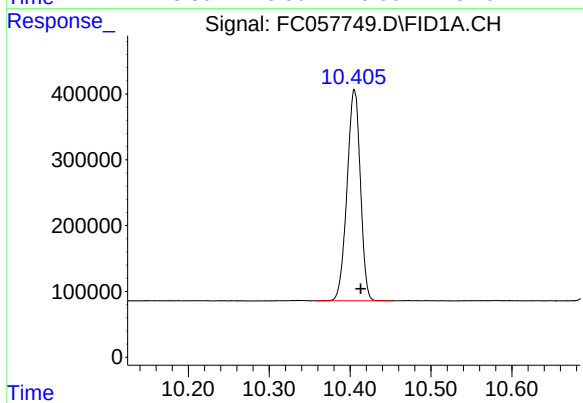
#6 n-Tetradecane (C14)

R.T.: 7.379 min
Delta R.T.: -0.010 min
Response: 3612429
Conc: 21.88 ug/ml



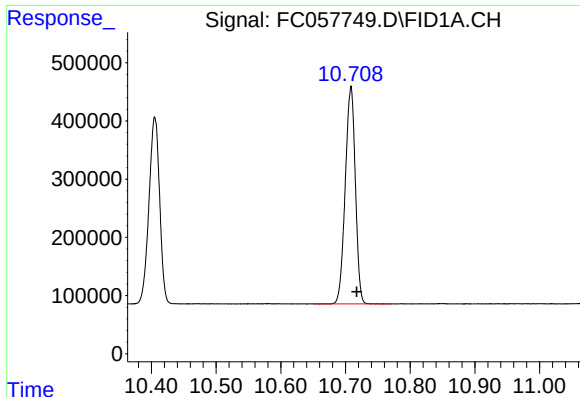
#7 n-Hexadecane (C16)

R.T.: 8.970 min
Delta R.T.: -0.008 min
Response: 3628791
Conc: 21.72 ug/ml



#8 n-Octadecane (C18)

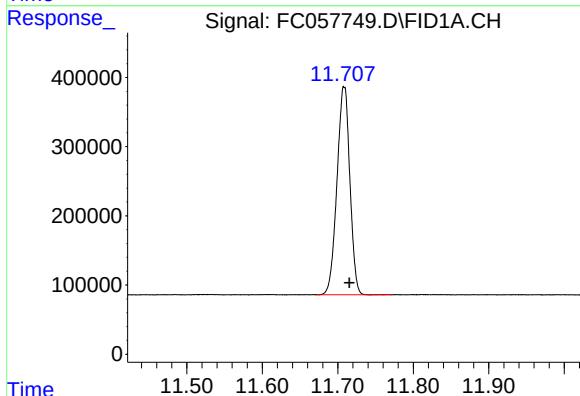
R.T.: 10.405 min
Delta R.T.: -0.008 min
Response: 3677763
Conc: 21.37 ug/ml



#9 ortho-Terphenyl (SURR)

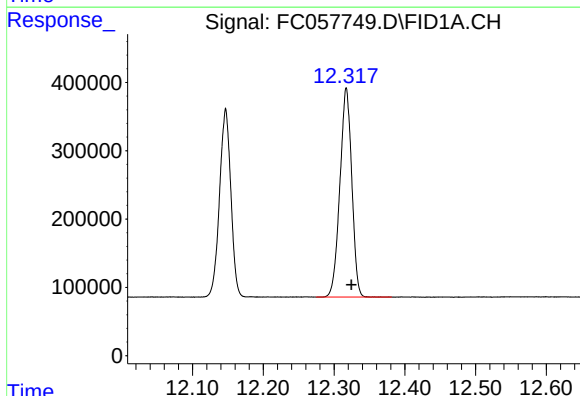
R.T.: 10.708 min
Delta R.T.: -0.009 min
Response: 4049760
Conc: 20.94 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



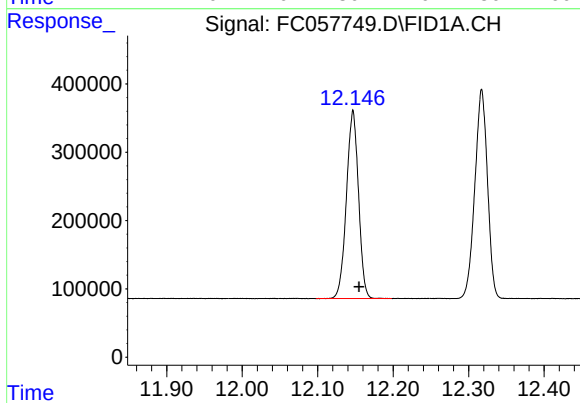
#10 n-Eicosane (C20)

R.T.: 11.708 min
Delta R.T.: -0.007 min
Response: 3572407
Conc: 20.87 ug/ml



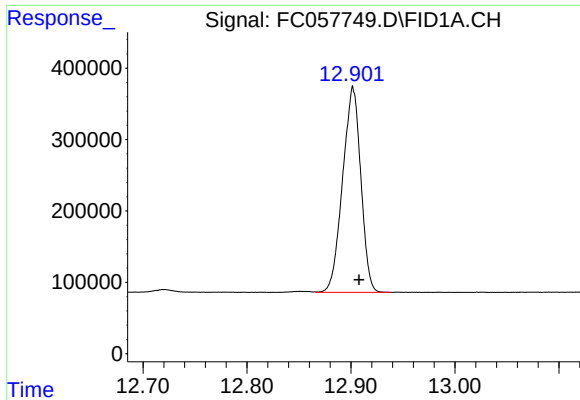
#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.007 min
Response: 3565618
Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

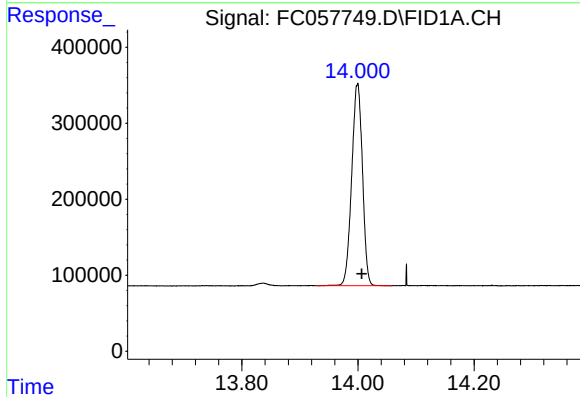
R.T.: 12.147 min
Delta R.T.: -0.008 min
Response: 3060855
Conc: 20.77 ug/ml



#13 n-Docosane (C22)

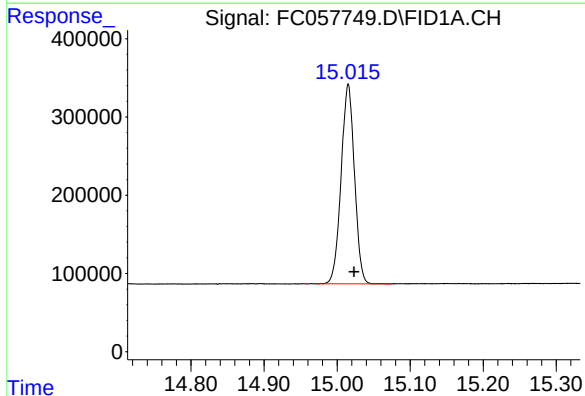
R.T.: 12.902 min
Delta R.T.: -0.006 min
Response: 3494449
Conc: 20.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



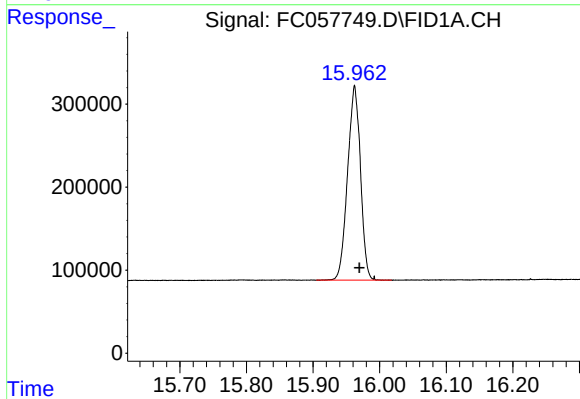
#14 n-Tetracosane (C24)

R.T.: 13.999 min
Delta R.T.: -0.007 min
Response: 3417633
Conc: 19.74 ug/ml



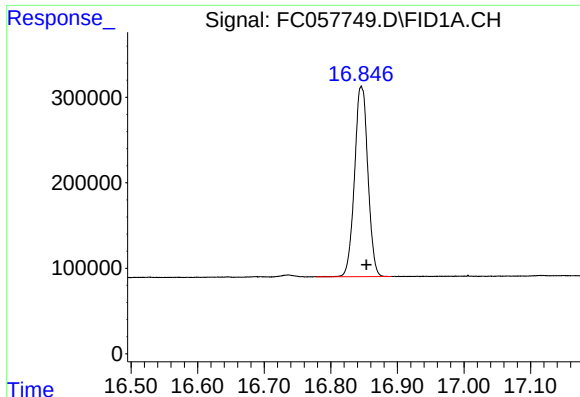
#15 n-Hexacosane (C26)

R.T.: 15.015 min
Delta R.T.: -0.008 min
Response: 3241496
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

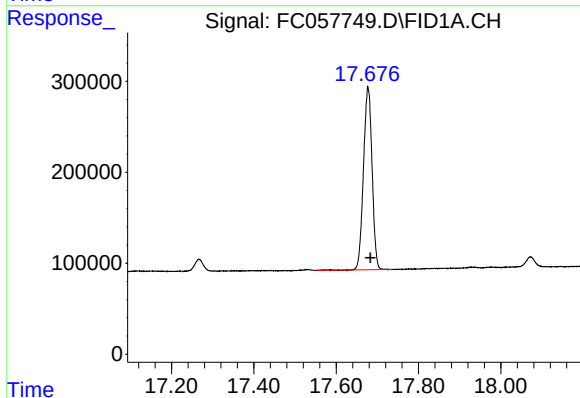
R.T.: 15.962 min
Delta R.T.: -0.007 min
Response: 3153293
Conc: 19.27 ug/ml



#17 n-Tricontane (C30)

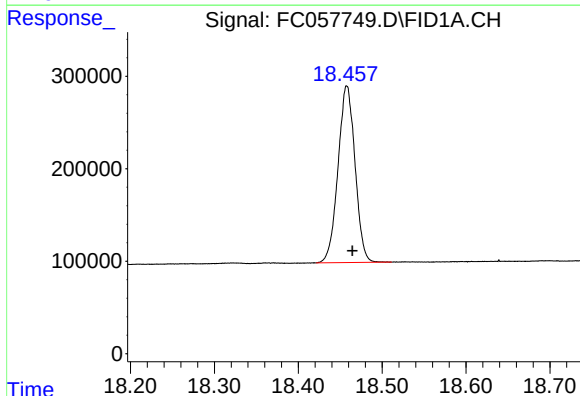
R.T.: 16.846 min
Delta R.T.: -0.008 min
Response: 3100134
Conc: 19.86 ug/ml

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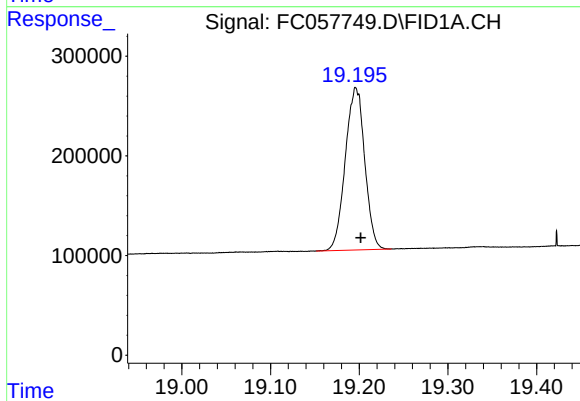
#18 n-Dotriacontane (C32)

R.T.: 17.677 min
Delta R.T.: -0.005 min
Response: 2912428
Conc: 20.89 ug/ml



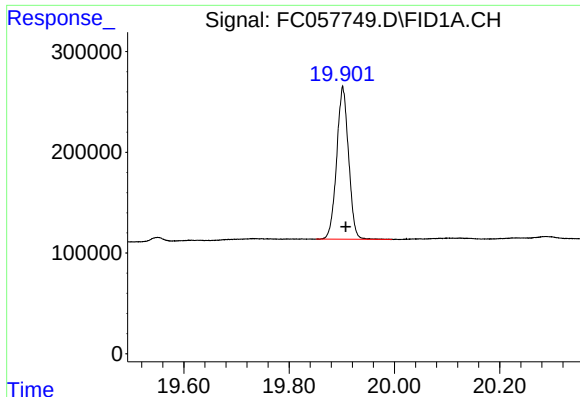
#19 n-Tetratriacontane (C34)

R.T.: 18.458 min
Delta R.T.: -0.006 min
Response: 2689928
Conc: 21.64 ug/ml



#20 n-Hexatriacontane (C36)

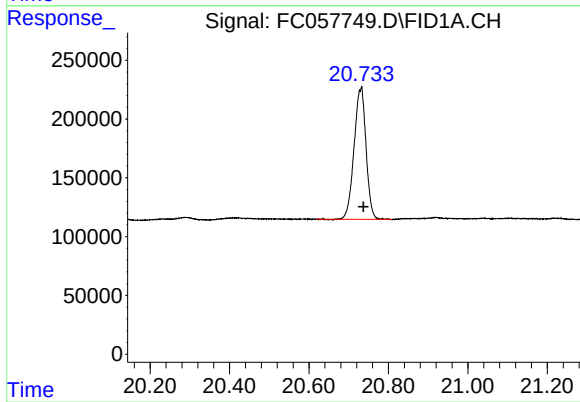
R.T.: 19.196 min
Delta R.T.: -0.005 min
Response: 2475873
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.902 min
Delta R.T.: -0.006 min
Response: 2373155
Conc: 22.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.730 min
Delta R.T.: -0.007 min
Response: 2344200
Conc: 24.48 ug/ml