

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111221AL\
 Data File : FC056756.D
 Signal(s) : FID1A.CH
 Acq On : 12 Nov 2021 12:13
 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

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/15/2021
 Supervised By :mohammad ahmed 11/15/2021

Integration File: autoint1.e
 Quant Time: Nov 12 23:36:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.613	2183933	17.638 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
12) S 1-chlorooctadecane (S...	13.045	1677470	17.433 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.372	2172928	20.076 ug/ml
2) T n-Decane (C10)	4.439	2188379	20.316 ug/ml
3) T A~Naphthalene (C11.7)	6.031	2407203	19.744 ug/ml
4) T n-Dodecane (C12)	6.458	2212610	20.071 ug/ml
5) T A~2-methylnaphthalene...	7.088	2388881	19.507 ug/ml
6) T n-Tetradecane (C14)	8.253	2185821	19.470 ug/ml
7) T n-Hexadecane (C16)	9.852	2148827	18.901 ug/ml
8) T n-Octadecane (C18)	11.293	2143261	18.341 ug/ml
10) T n-Eicosane (C20)	12.600	2042841	17.775 ug/ml
11) T n-Heneicosane (C21)	13.211	2018463	17.564 ug/ml
13) T n-Docosane (C22)	13.796	1974579	17.539 ug/ml
14) T n-Tetracosane (C24)	14.897	1923259	17.452 ug/ml
15) T n-Hexacosane (C26)	15.915	1874226	17.758 ug/ml
16) T n-Octacosane (C28)	16.860	1869782	18.026 ug/ml
17) T n-Tricontane (C30)	17.746	1881185	18.157 ug/ml
18) T n-Dotriacontane (C32)	18.573	1873920	19.559 ug/ml
19) T n-Tetratriacontane (C34)	19.352	1882624	21.464 ug/mlm
20) T n-Hexatriacontane (C36)	20.089	1858870	22.710 ug/mlm
21) T n-Octatriacontane (C38)	20.824	1831826	22.905 ug/ml
22) T n-Tetracontane (C40)	21.739	1848142	22.432 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

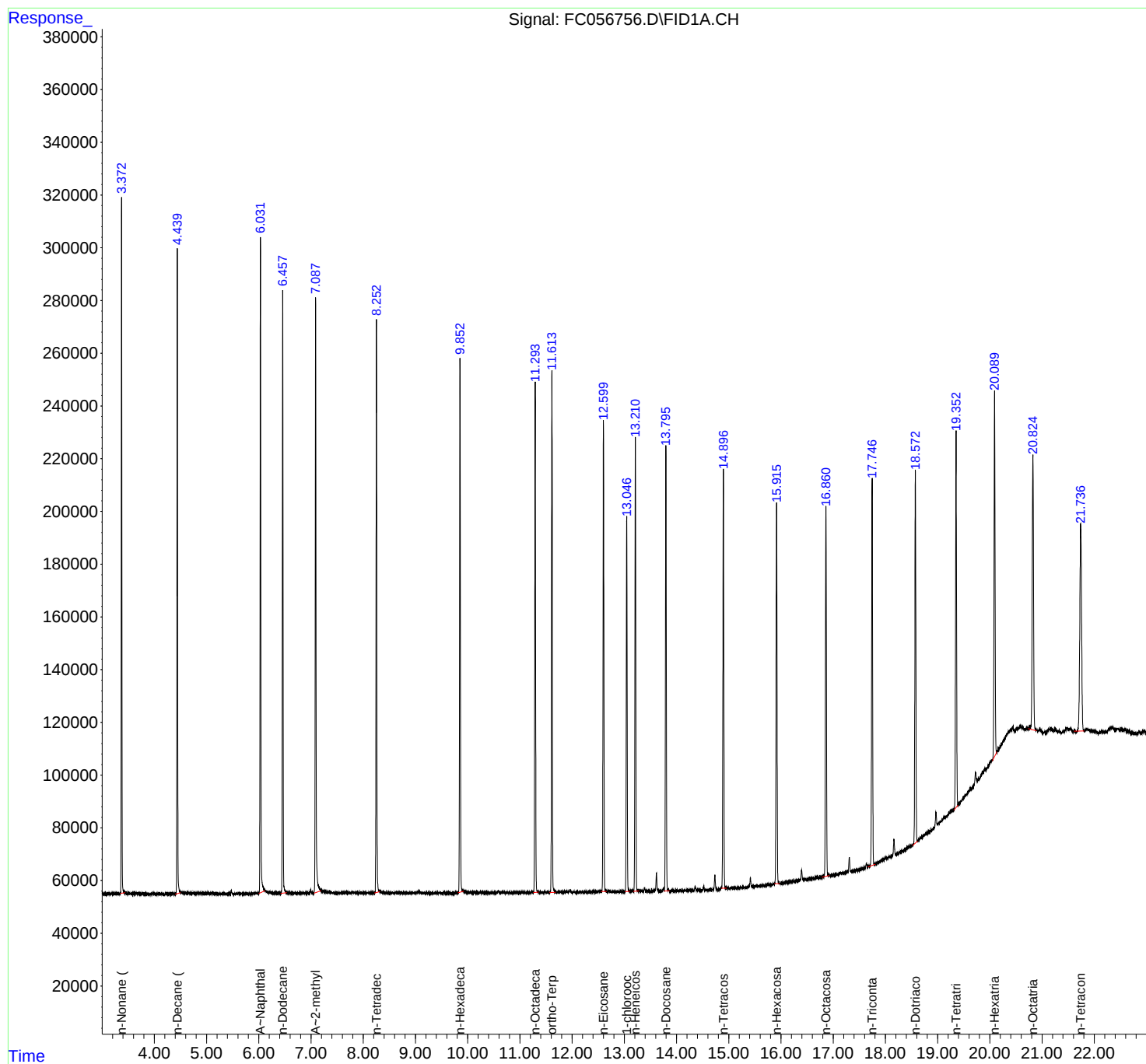
Instrument :
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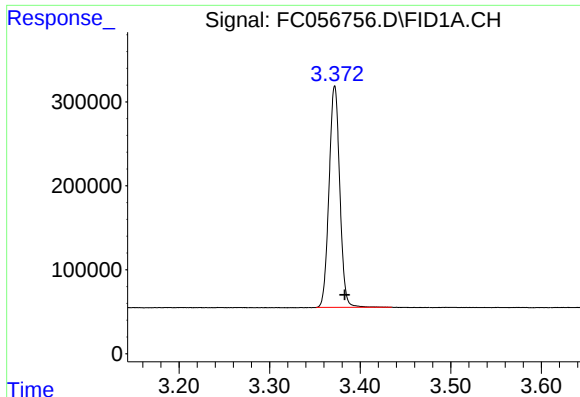
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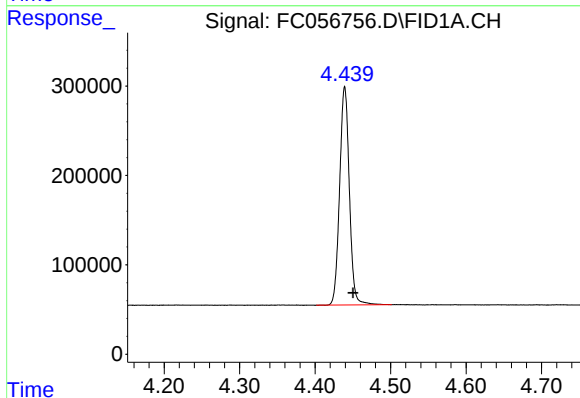
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.011 min
Response: 2172928
Conc: 20.08 ug/ml

Instrument :
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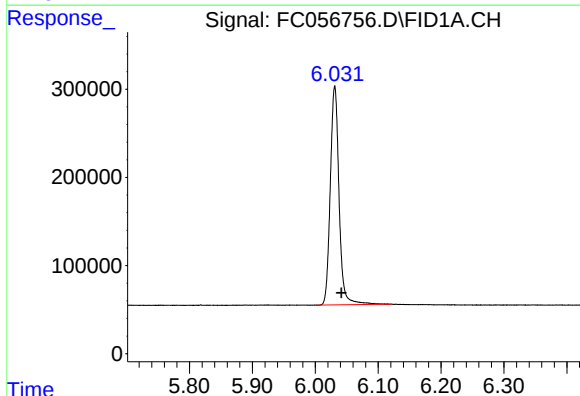
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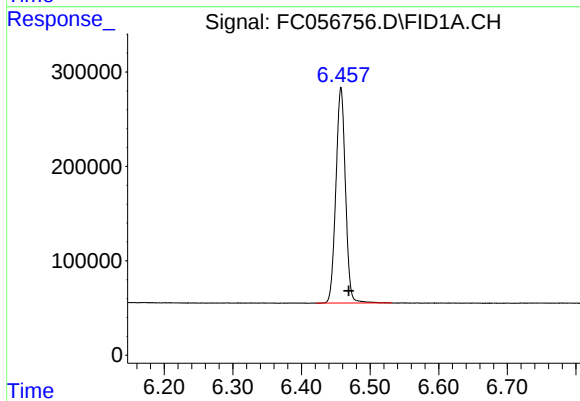
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 2188379
Conc: 20.32 ug/ml



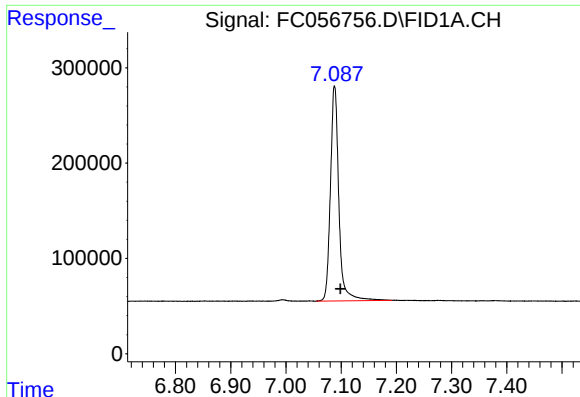
#3 A~Naphthalene (C11.7)

R.T.: 6.031 min
Delta R.T.: -0.011 min
Response: 2407203
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.011 min
Response: 2212610
Conc: 20.07 ug/ml



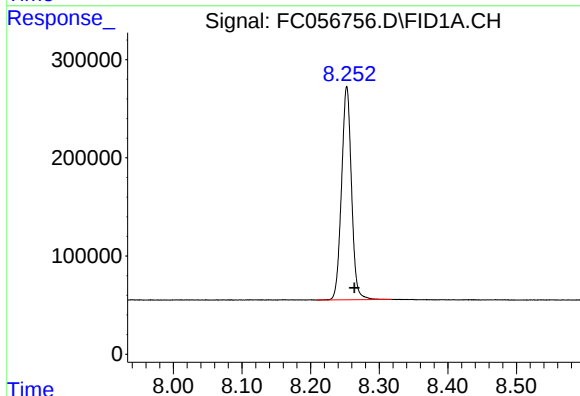
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.011 min
Response: 2388881
Conc: 19.51 ug/ml

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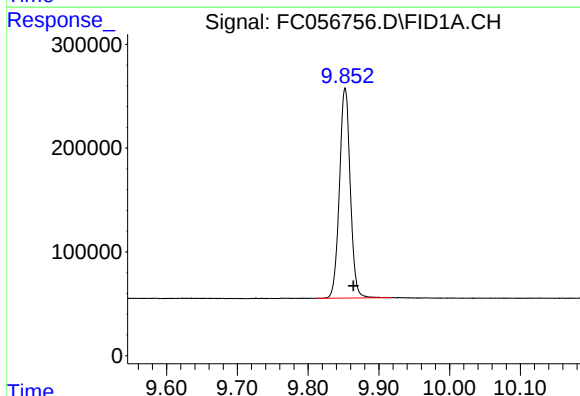
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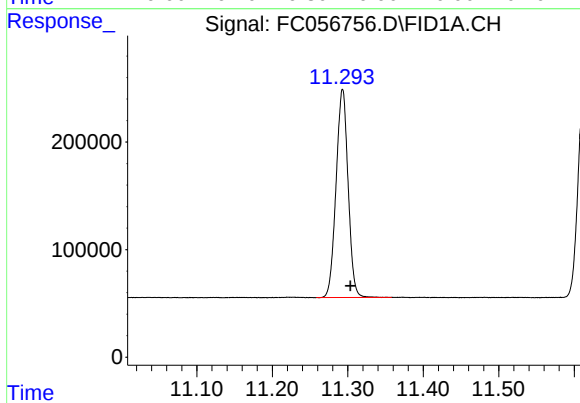
#6 n-Tetradecane (C14)

R.T.: 8.253 min
Delta R.T.: -0.011 min
Response: 2185821
Conc: 19.47 ug/ml



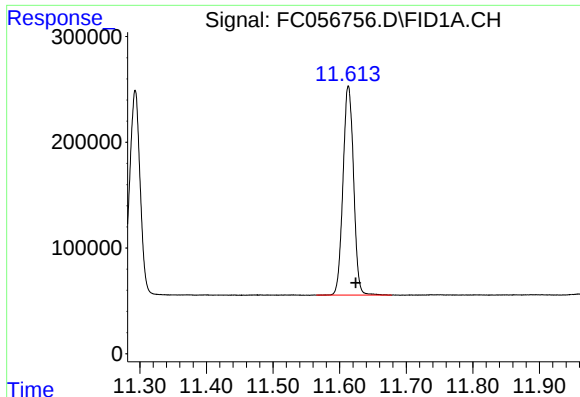
#7 n-Hexadecane (C16)

R.T.: 9.852 min
Delta R.T.: -0.011 min
Response: 2148827
Conc: 18.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.010 min
Response: 2143261
Conc: 18.34 ug/ml



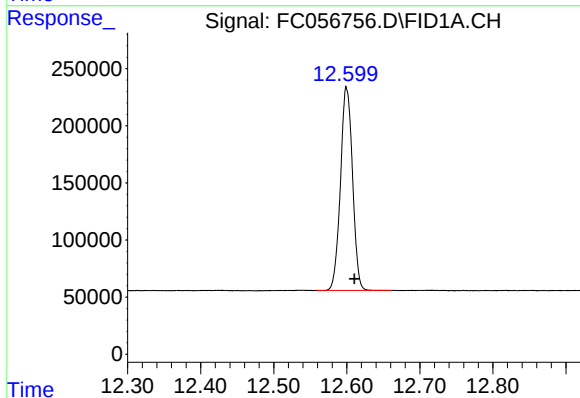
#9 ortho-Terphenyl (SURR)

R.T.: 11.613 min
Delta R.T.: -0.011 min
Response: 2183933
Conc: 17.64 ug/ml

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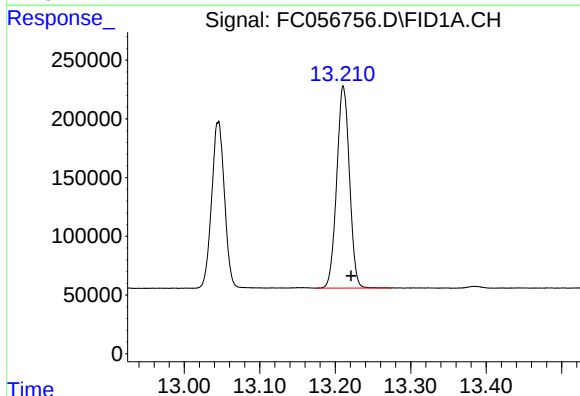
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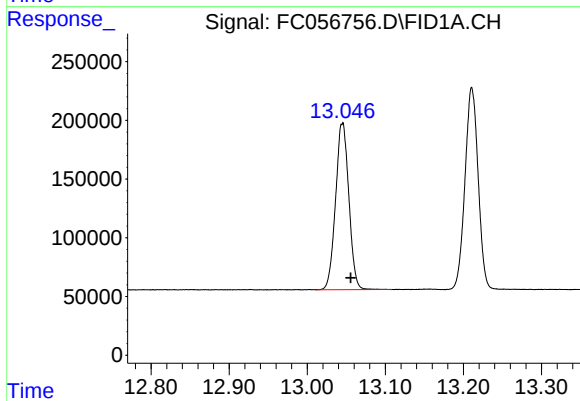
#10 n-Eicosane (C20)

R.T.: 12.600 min
Delta R.T.: -0.010 min
Response: 2042841
Conc: 17.78 ug/ml



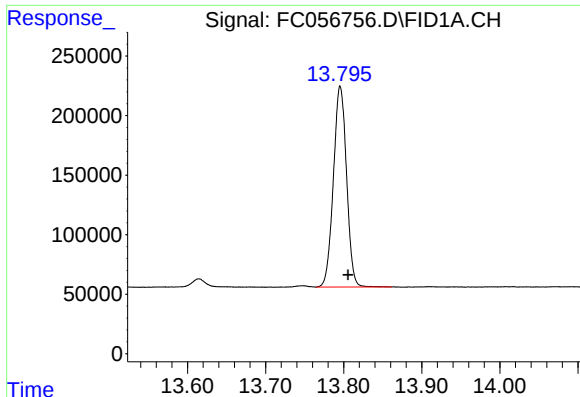
#11 n-Heneicosane (C21)

R.T.: 13.211 min
Delta R.T.: -0.010 min
Response: 2018463
Conc: 17.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.045 min
Delta R.T.: -0.011 min
Response: 1677470
Conc: 17.43 ug/ml



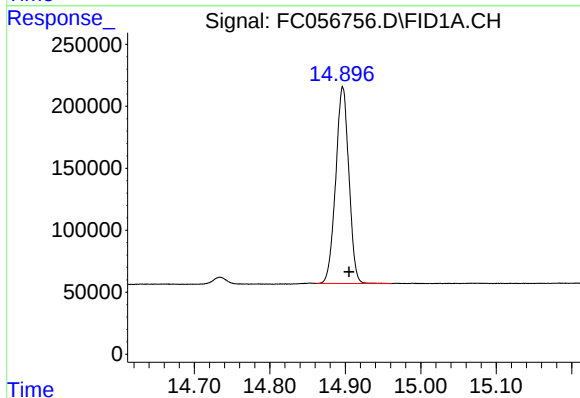
#13 n-Docosane (C22)

R.T.: 13.796 min
Delta R.T.: -0.010 min
Response: 1974579
Conc: 17.54 ug/ml

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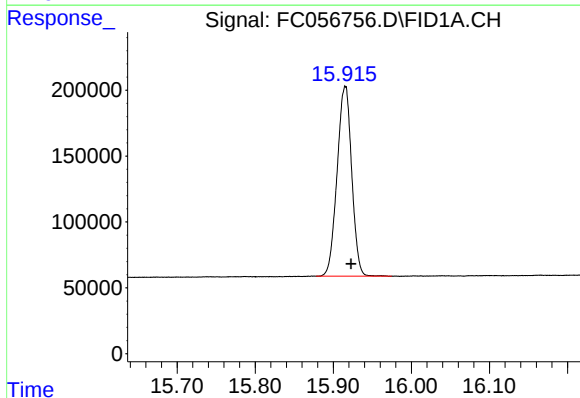
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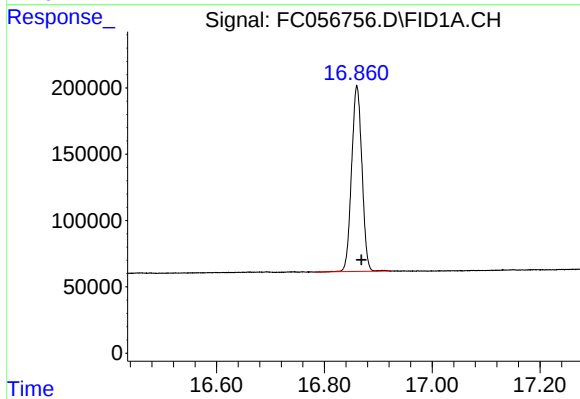
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.008 min
Response: 1923259
Conc: 17.45 ug/ml



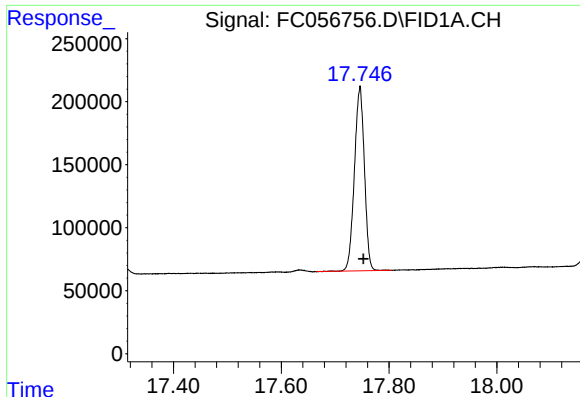
#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.008 min
Response: 1874226
Conc: 17.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.860 min
Delta R.T.: -0.008 min
Response: 1869782
Conc: 18.03 ug/ml



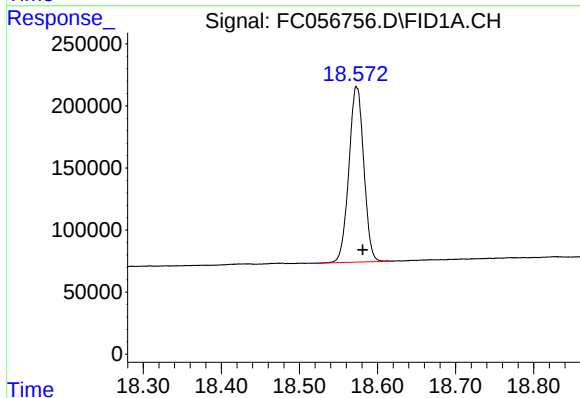
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: -0.007 min
Response: 1881185
Conc: 18.16 ug/ml

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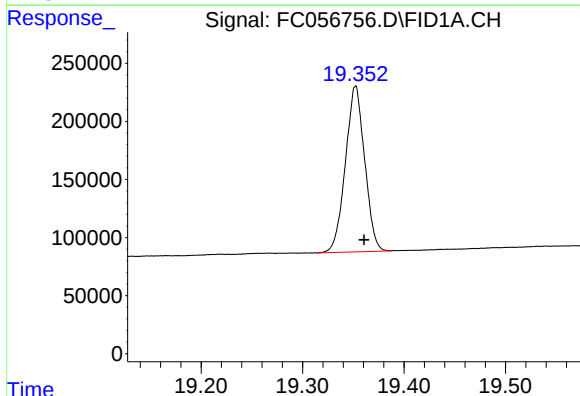
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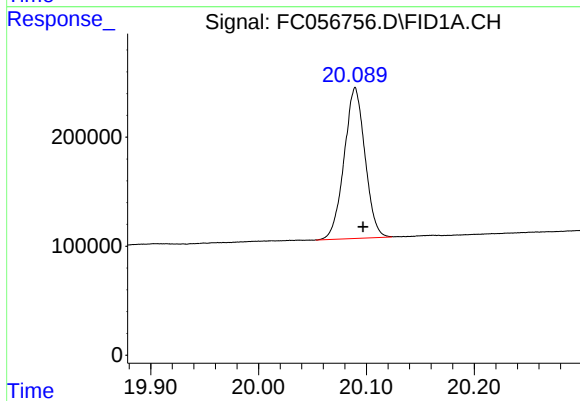
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.008 min
Response: 1873920
Conc: 19.56 ug/ml



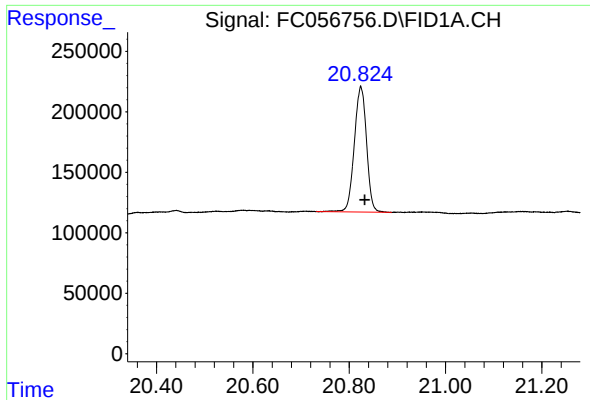
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: -0.008 min
Response: 1882624
Conc: 21.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.007 min
Response: 1858870
Conc: 22.71 ug/ml m



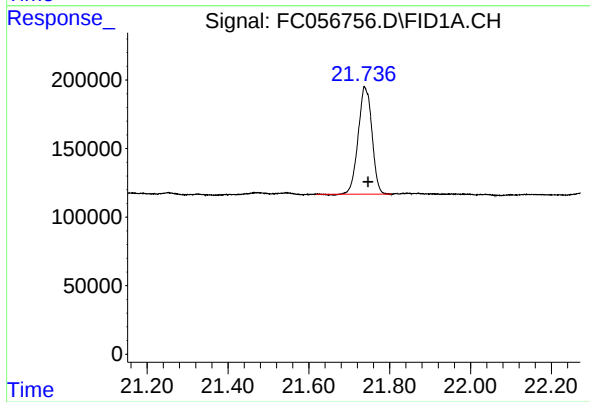
#21 n-Octatriacontane (C38)

R.T.: 20.824 min
Delta R.T.: -0.008 min
Response: 1831826
Conc: 22.90 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.739 min
Delta R.T.: -0.008 min
Response: 1848142
Conc: 22.43 ug/ml