

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061021AL\
 Data File : FC054176.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jun 2021 15:14
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Manual Integrations
 APPROVED

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 6/11/2021 2:28:33 PM

Integration File: autoint1.e
 Quant Time: Jun 11 04:21:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:19:34 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)	11.358	7442715	50.974 ug/mlm
Spiked Amount 50.000		Recovery =	101.95%
12) S 1-chlorooctadecane (S...	12.801	5735838	50.530 ug/ml
Spiked Amount 50.000		Recovery =	101.06%
Target Compounds			
1) T n-Nonane (C9)	3.166	6286812	50.614 ug/ml
2) T n-Decane (C10)	4.221	6391731	51.022 ug/ml
3) T A~Naphthalene (C11.7)	5.786	7228419	51.536 ug/ml
4) T n-Dodecane (C12)	6.229	6467365	51.029 ug/ml
5) T A~2-methylnaphthalene...	6.840	7310999	52.540 ug/ml
6) T n-Tetradecane (C14)	8.018	6545100	50.517 ug/ml
7) T n-Hexadecane (C16)	9.614	6642482	50.607 ug/ml
8) T n-Octadecane (C18)	11.054	6840941	50.889 ug/ml
10) T n-Eicosane (C20)	12.360	6814308	51.024 ug/mlm
11) T n-Heneicosane (C21)	12.970	6793999	50.366 ug/ml
13) T n-Docosane (C22)	13.556	6725603	50.631 ug/ml
14) T n-Tetracosane (C24)	14.657	6689356	50.568 ug/ml
15) T n-Hexacosane (C26)	15.676	6522308	50.443 ug/ml
16) T n-Octacosane (C28)	16.624	6396356	50.687 ug/ml
17) T n-Tricontane (C30)	17.510	6191540	50.433 ug/ml
18) T n-Dotriacontane (C32)	18.341	5931770	50.340 ug/ml
19) T n-Tetratriacontane (C34)	19.124	5676918	50.527 ug/ml
20) T n-Hexatriacontane (C36)	19.863	5477960	52.070 ug/ml
21) T n-Octatriacontane (C38)	20.570	5017819	51.216 ug/ml
22) T n-Tetracontane (C40)	21.400	5073182	49.913 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 50 PPM ALIPHATIC HC STD2
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ALS Vial : 7 Sample Multiplier: 1

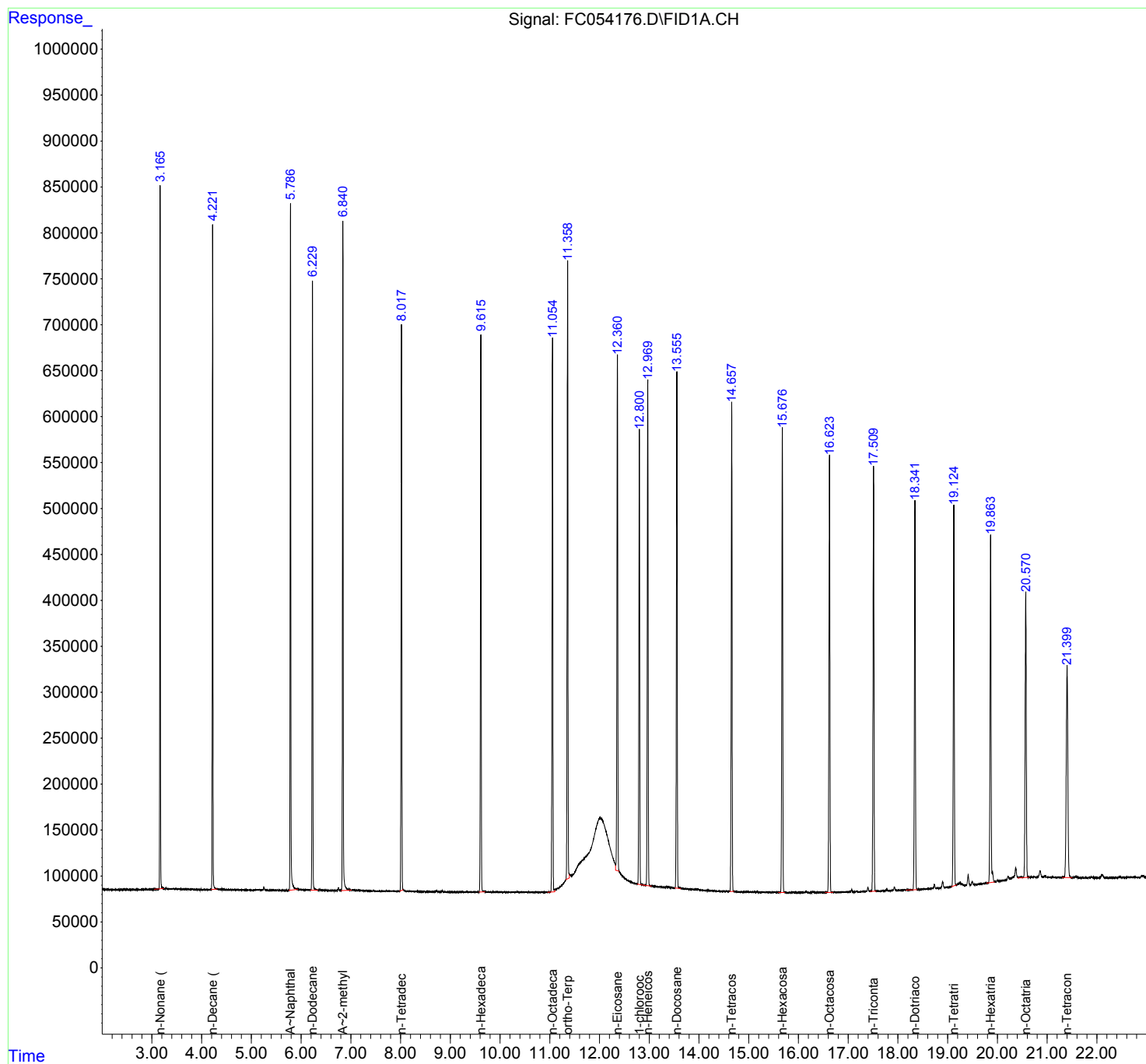
Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

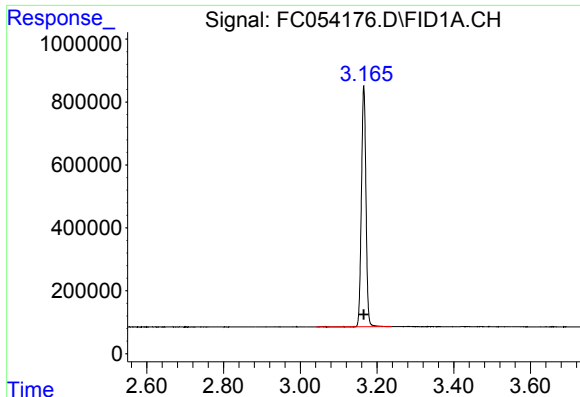
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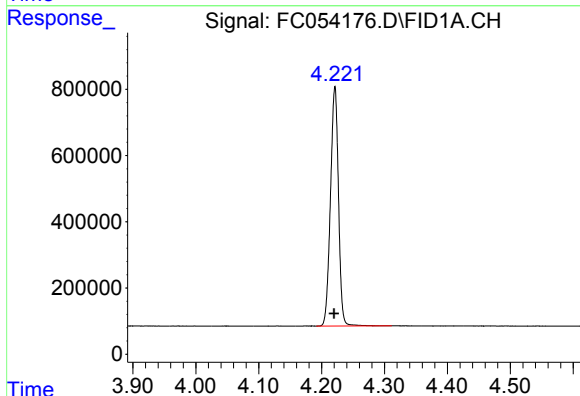
#1 n-Nonane (C9)

R.T.: 3.166 min
Delta R.T.: 0.000 min
Response: 6286812
Conc: 50.61 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2

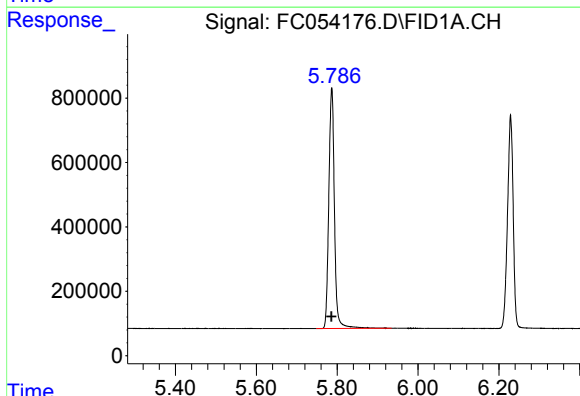
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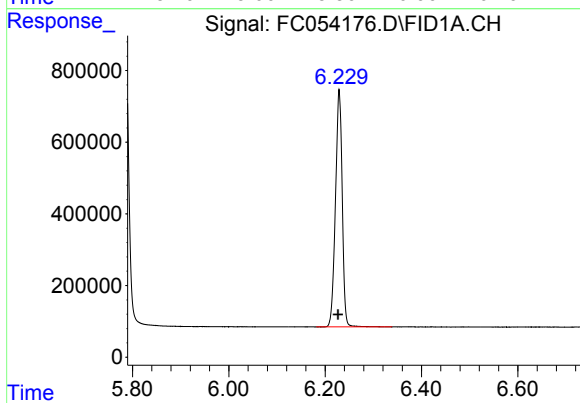
#2 n-Decane (C10)

R.T.: 4.221 min
Delta R.T.: 0.001 min
Response: 6391731
Conc: 51.02 ug/ml



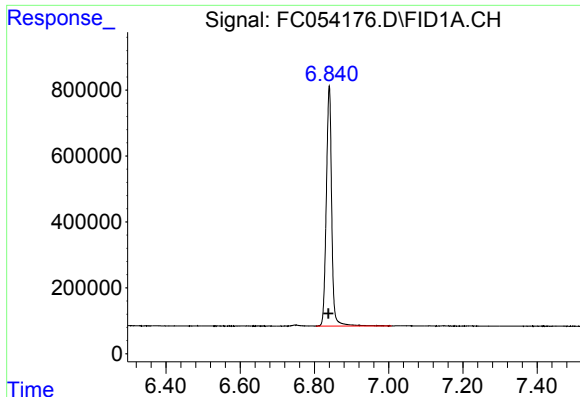
#3 A~Naphthalene (C11.7)

R.T.: 5.786 min
Delta R.T.: 0.001 min
Response: 7228419
Conc: 51.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.229 min
Delta R.T.: 0.002 min
Response: 6467365
Conc: 51.03 ug/ml



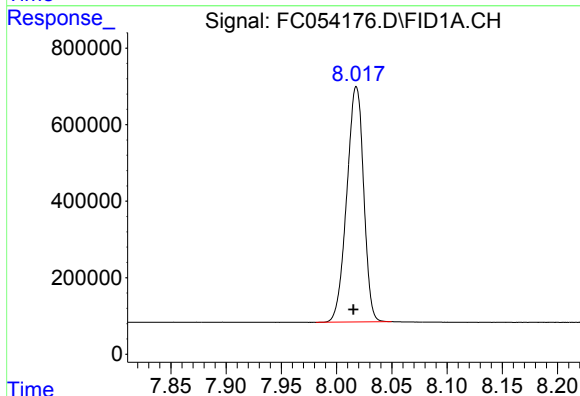
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.840 min
Delta R.T.: 0.002 min
Response: 7310999
Conc: 52.54 ug/ml

Instrument :
FID_C
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50 PPM ALIPHATIC HC STD2

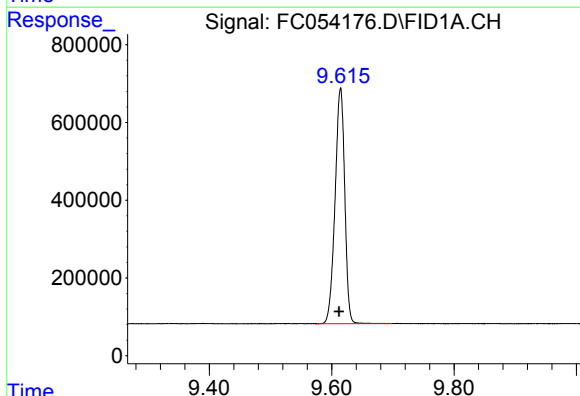
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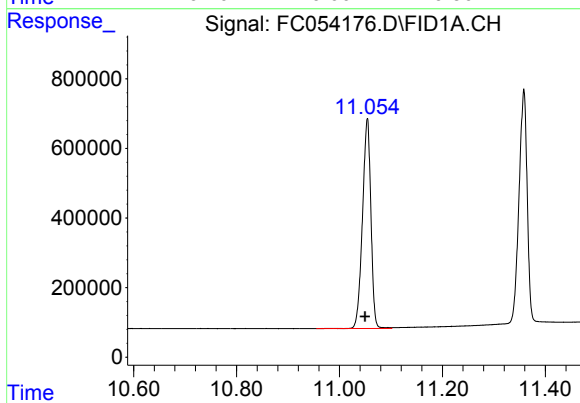
#6 n-Tetradecane (C14)

R.T.: 8.018 min
Delta R.T.: 0.002 min
Response: 6545100
Conc: 50.52 ug/ml



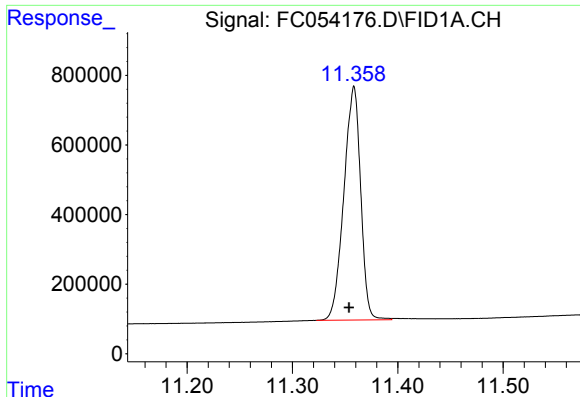
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: 0.002 min
Response: 6642482
Conc: 50.61 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.054 min
Delta R.T.: 0.004 min
Response: 6840941
Conc: 50.89 ug/ml



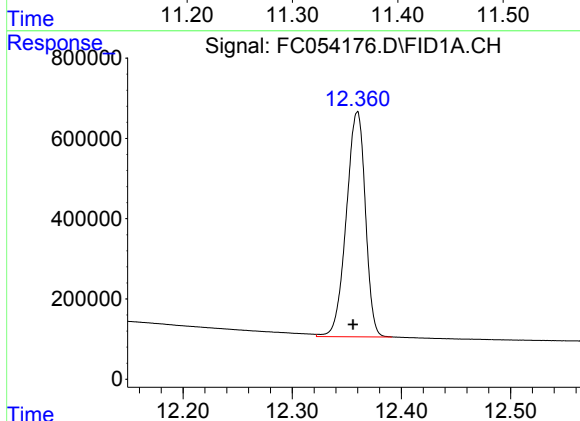
#9 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.004 min
Response: 7442715
Conc: 50.97 ug/ml m

Instrument :
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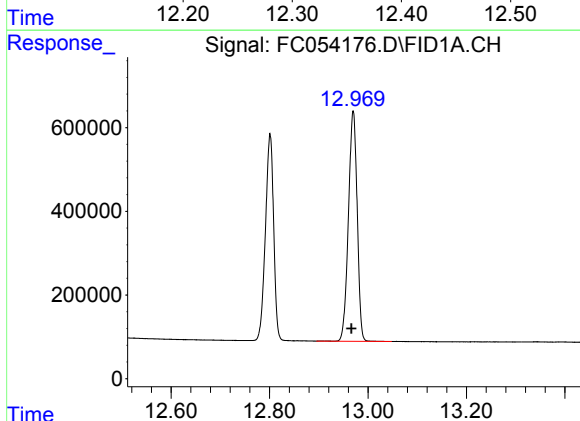
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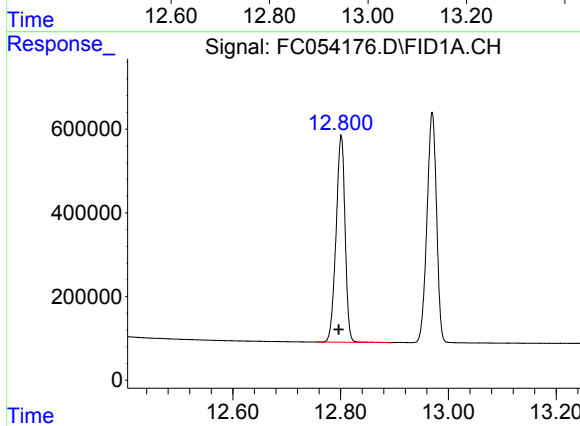
#10 n-Eicosane (C20)

R.T.: 12.360 min
Delta R.T.: 0.004 min
Response: 6814308
Conc: 51.02 ug/ml m



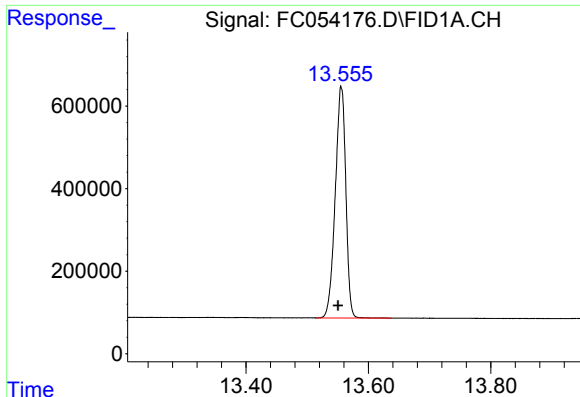
#11 n-Heneicosane (C21)

R.T.: 12.970 min
Delta R.T.: 0.004 min
Response: 6793999
Conc: 50.37 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.801 min
Delta R.T.: 0.004 min
Response: 5735838
Conc: 50.53 ug/ml



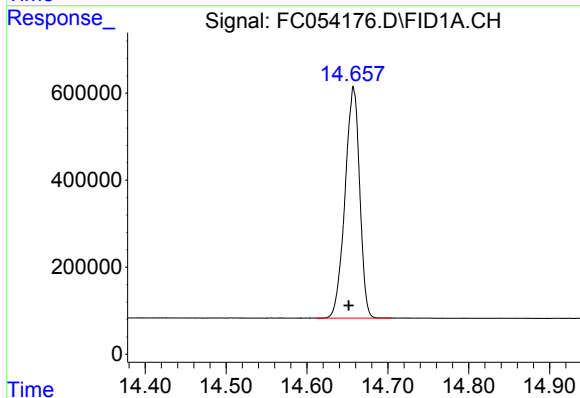
#13 n-Docosane (C22)

R.T.: 13.556 min
Delta R.T.: 0.005 min
Response: 6725603
Conc: 50.63 ug/ml

Instrument :
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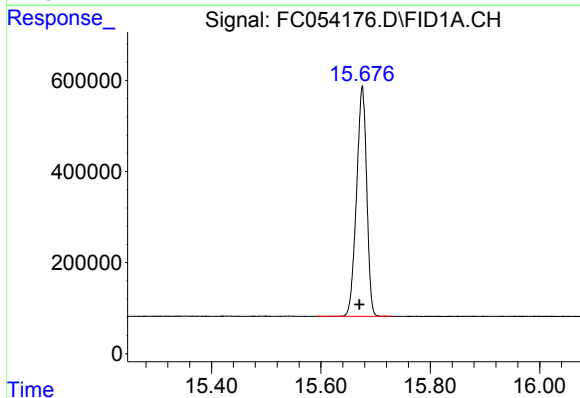
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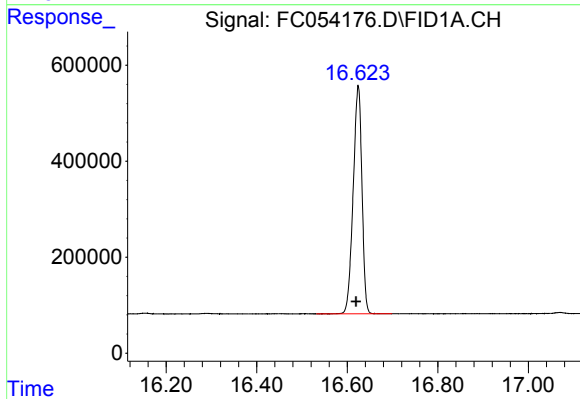
#14 n-Tetracosane (C24)

R.T.: 14.657 min
Delta R.T.: 0.006 min
Response: 6689356
Conc: 50.57 ug/ml



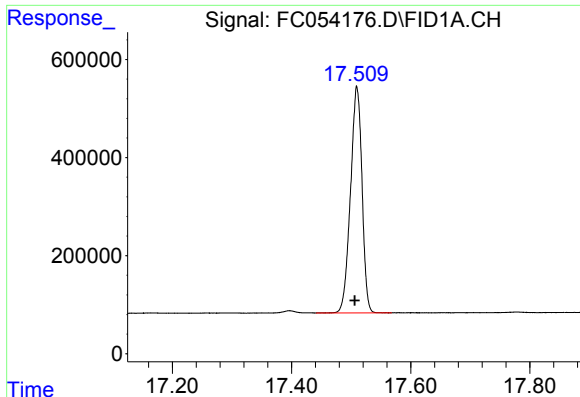
#15 n-Hexacosane (C26)

R.T.: 15.676 min
Delta R.T.: 0.005 min
Response: 6522308
Conc: 50.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.624 min
Delta R.T.: 0.005 min
Response: 6396356
Conc: 50.69 ug/ml



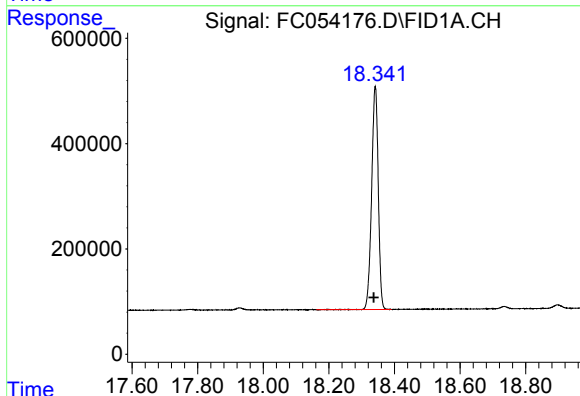
#17 n-Tricontane (C30)

R.T.: 17.510 min
Delta R.T.: 0.004 min
Response: 6191540
Conc: 50.43 ug/ml

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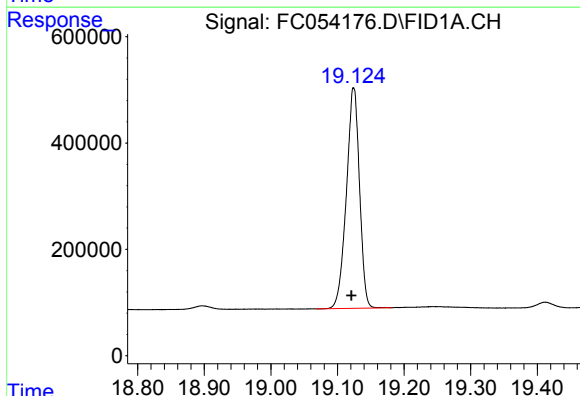
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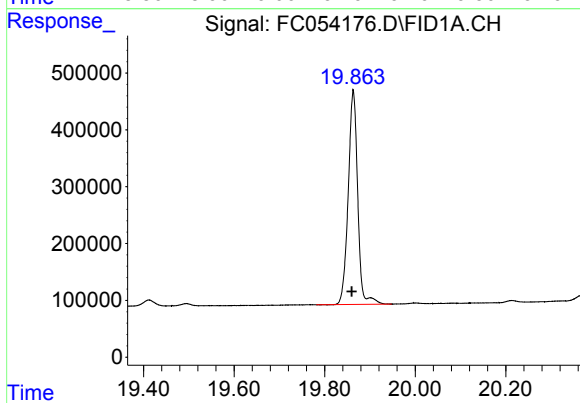
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: 0.005 min
Response: 5931770
Conc: 50.34 ug/ml



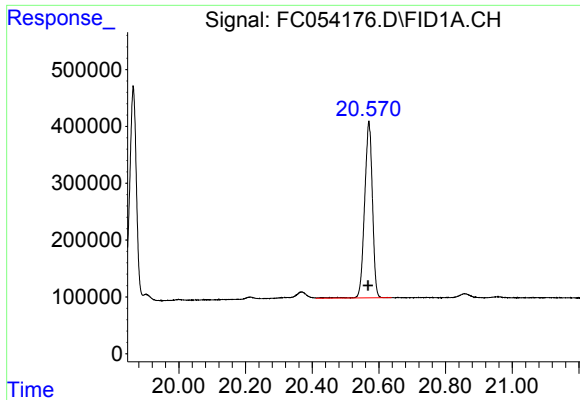
#19 n-Tetratriacontane (C34)

R.T.: 19.124 min
Delta R.T.: 0.003 min
Response: 5676918
Conc: 50.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.863 min
Delta R.T.: 0.004 min
Response: 5477960
Conc: 52.07 ug/ml



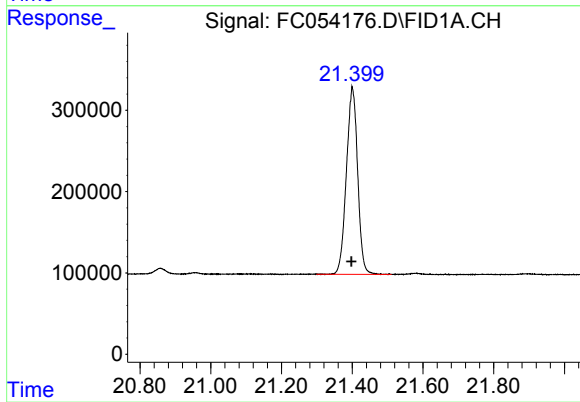
#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.003 min
Response: 5017819
Conc: 51.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.400 min
Delta R.T.: 0.003 min
Response: 5073182
Conc: 49.91 ug/ml