

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061121AL\
 Data File : FC054216.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jun 2021 4:20
 Operator : DD\AJ
 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

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 6/14/2021 12:26:06 PM

Integration File: autoint1.e
 Quant Time: Jun 12 05:39:38 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 04:43:57 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)	11.353	2970992	19.564 ug/ml
Spiked Amount 50.000		Recovery =	39.13%
12) S 1-chlorooctadecane (S...	12.797	2264940	19.227 ug/ml
Spiked Amount 50.000		Recovery =	38.45%
Target Compounds			
1) T n-Nonane (C9)	3.160	2703027	21.004 ug/ml
2) T n-Decane (C10)	4.216	2741925	21.390 ug/ml
3) T A~Naphthalene (C11.7)	5.783	3036450	21.022 ug/ml
4) T n-Dodecane (C12)	6.225	2763021	21.070 ug/ml
5) T A~2-methylnaphthalene...	6.836	3046741	21.103 ug/ml
6) T n-Tetradecane (C14)	8.014	2775435	20.934 ug/ml
7) T n-Hexadecane (C16)	9.611	2779733	20.550 ug/ml
8) T n-Octadecane (C18)	11.049	2799954	20.061 ug/ml
10) T n-Eicosane (C20)	12.356	2708984	19.510 ug/ml
11) T n-Heneicosane (C21)	12.967	2698814	19.320 ug/ml
13) T n-Docosane (C22)	13.551	2626084	18.978 ug/ml
14) T n-Tetracosane (C24)	14.653	2546630	18.492 ug/ml
15) T n-Hexacosane (C26)	15.672	2421175	17.975 ug/ml
16) T n-Octacosane (C28)	16.622	2341125	17.668 ug/ml
17) T n-Tricontane (C30)	17.508	2273522	17.689 ug/ml
18) T n-Dotriacontane (C32)	18.341	2228682	18.114 ug/ml
19) T n-Tetratriacontane (C34)	19.122	2169372	18.544 ug/mlm
20) T n-Hexatriacontane (C36)	19.863	2222600	20.136 ug/ml
21) T n-Octatriacontane (C38)	20.570	2060299	20.155 ug/ml
22) T n-Tetracontane (C40)	21.397	2222267	20.769 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 2 Sample Multiplier: 1

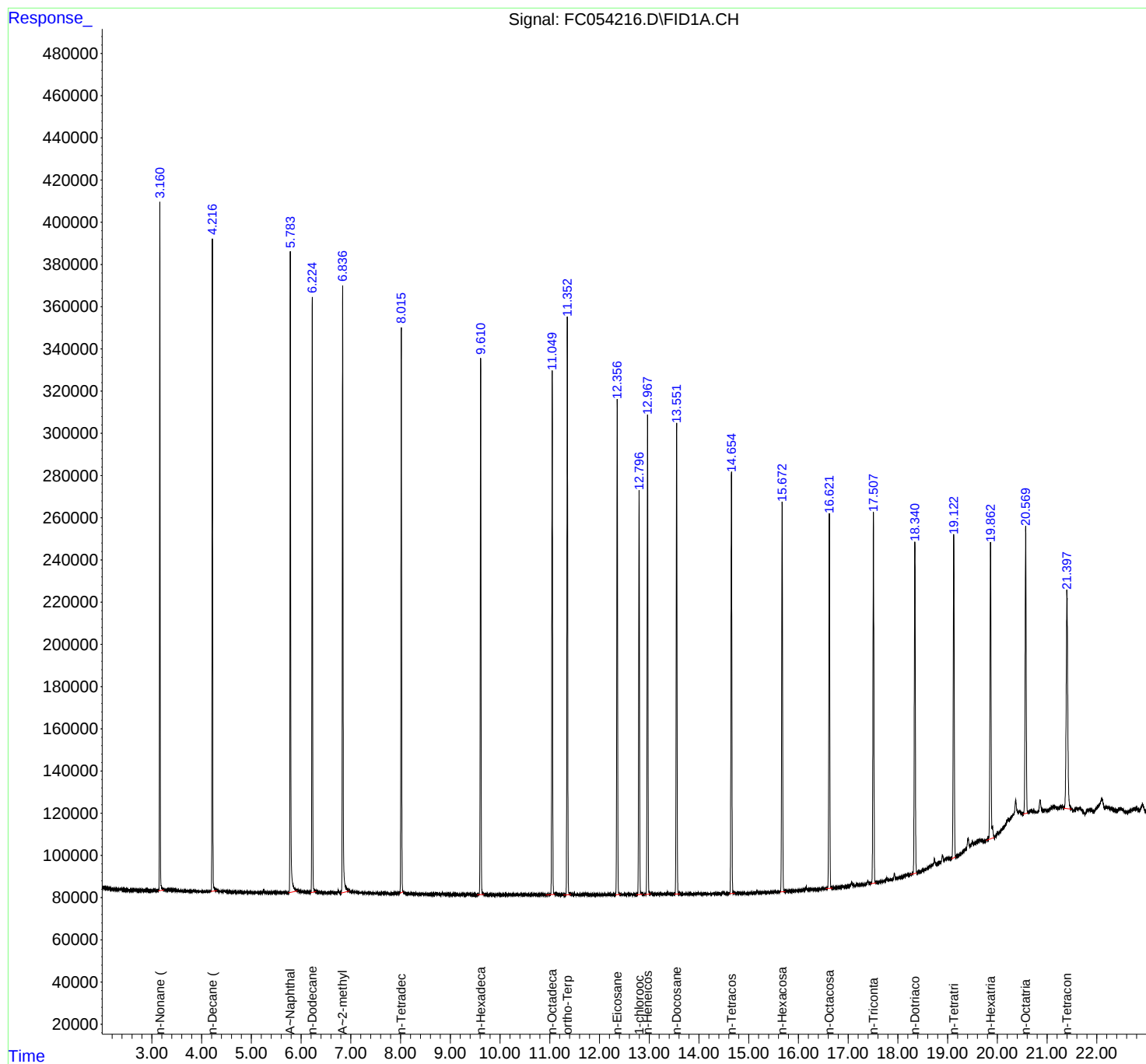
Instrument :
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20 PPM ALIPHATIC HC STD

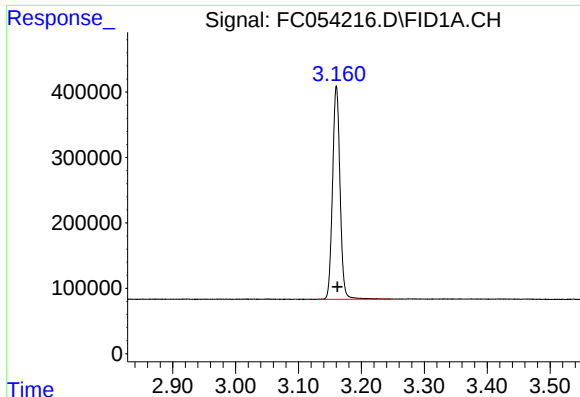
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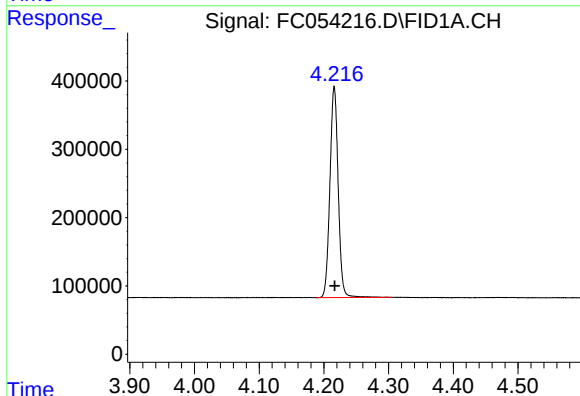
#1 n-Nonane (C9)

R.T.: 3.160 min
Delta R.T.: -0.002 min
Response: 2703027
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

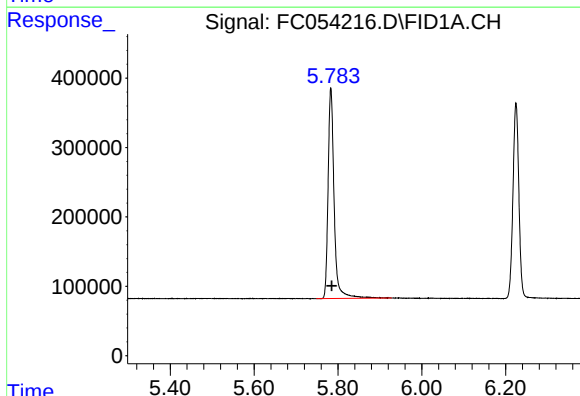
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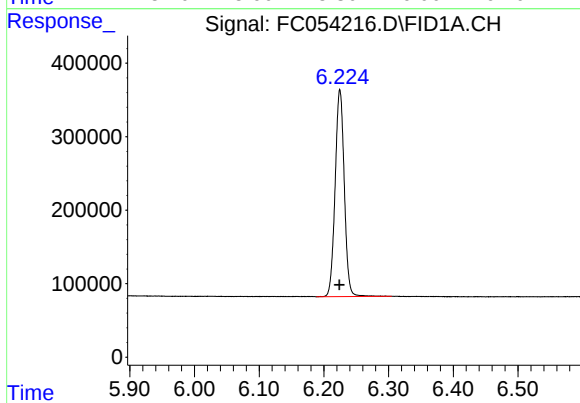
#2 n-Decane (C10)

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 2741925
Conc: 21.39 ug/ml



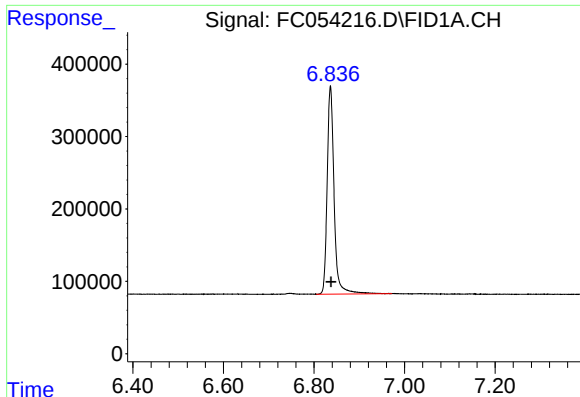
#3 A~Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: -0.002 min
Response: 3036450
Conc: 21.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.225 min
Delta R.T.: 0.001 min
Response: 2763021
Conc: 21.07 ug/ml



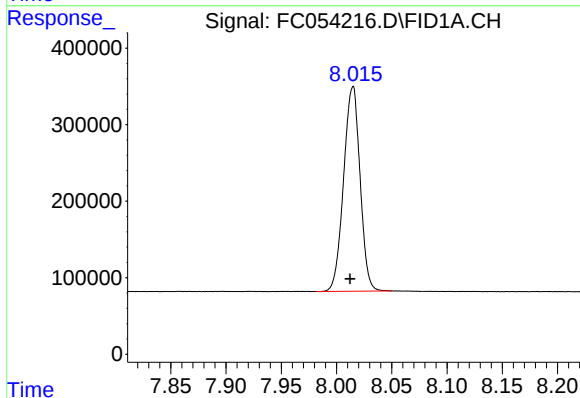
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.836 min
Delta R.T.: 0.000 min
Response: 3046741
Conc: 21.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

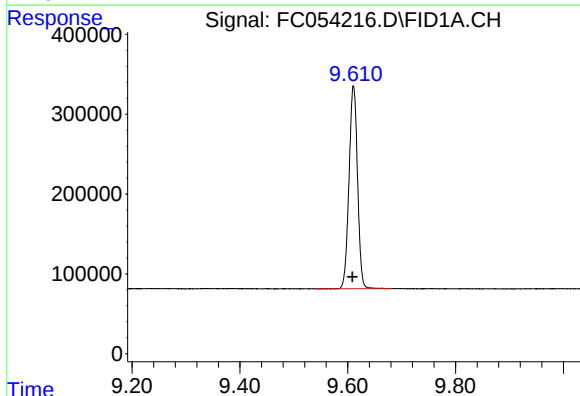
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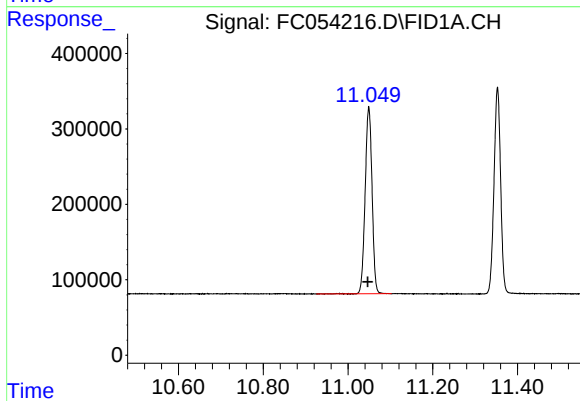
#6 n-Tetradecane (C14)

R.T.: 8.014 min
Delta R.T.: 0.002 min
Response: 2775435
Conc: 20.93 ug/ml



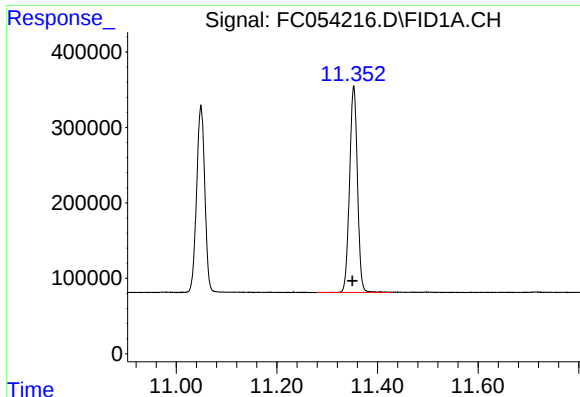
#7 n-Hexadecane (C16)

R.T.: 9.611 min
Delta R.T.: 0.002 min
Response: 2779733
Conc: 20.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.049 min
Delta R.T.: 0.003 min
Response: 2799954
Conc: 20.06 ug/ml



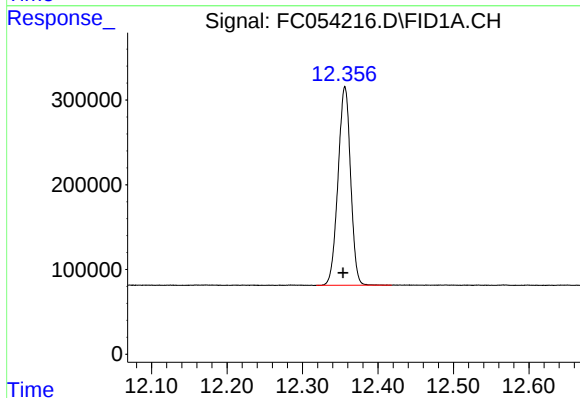
#9 ortho-Terphenyl (SURR)

R.T.: 11.353 min
Delta R.T.: 0.003 min
Response: 2970992
Conc: 19.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

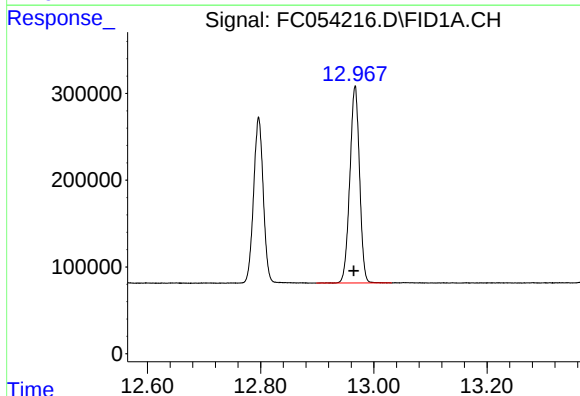
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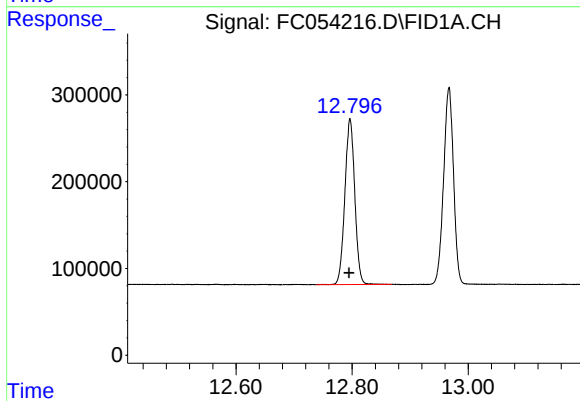
#10 n-Eicosane (C20)

R.T.: 12.356 min
Delta R.T.: 0.002 min
Response: 2708984
Conc: 19.51 ug/ml



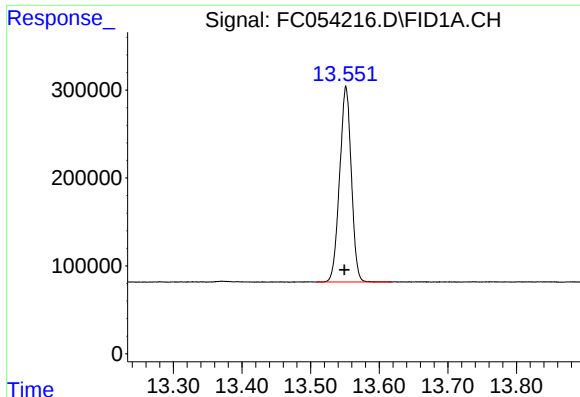
#11 n-Heneicosane (C21)

R.T.: 12.967 min
Delta R.T.: 0.002 min
Response: 2698814
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.797 min
Delta R.T.: 0.002 min
Response: 2264940
Conc: 19.23 ug/ml



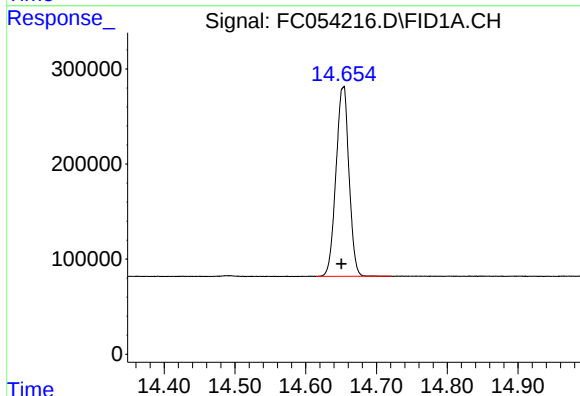
#13 n-Docosane (C22)

R.T.: 13.551 min
Delta R.T.: 0.002 min
Response: 2626084
Conc: 18.98 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD

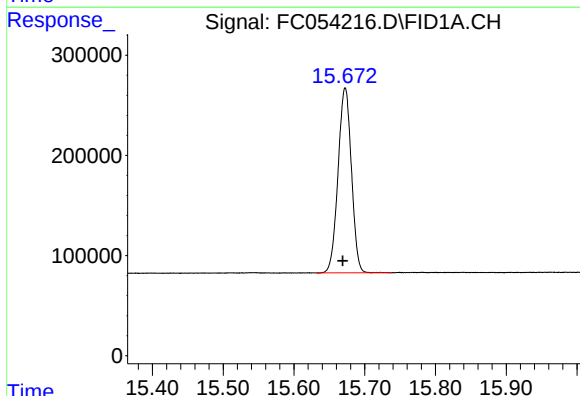
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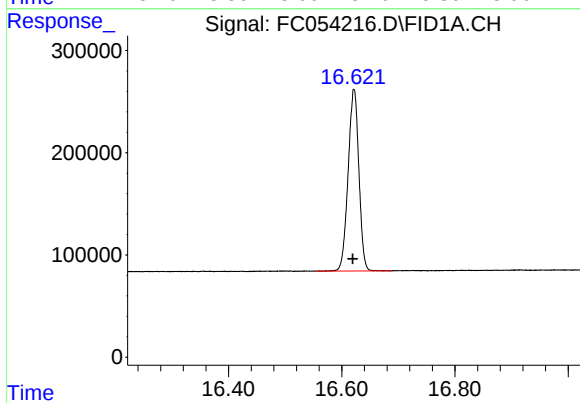
#14 n-Tetracosane (C24)

R.T.: 14.653 min
Delta R.T.: 0.002 min
Response: 2546630
Conc: 18.49 ug/ml



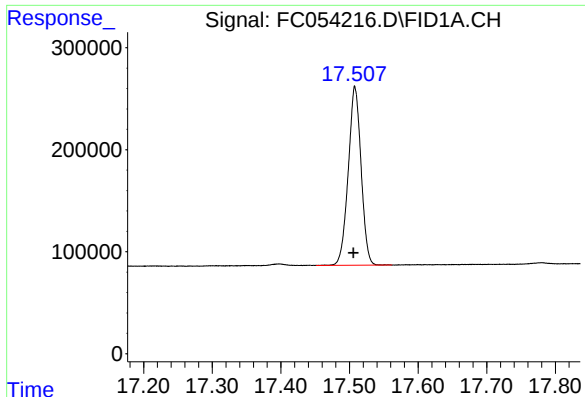
#15 n-Hexacosane (C26)

R.T.: 15.672 min
Delta R.T.: 0.003 min
Response: 2421175
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.622 min
Delta R.T.: 0.002 min
Response: 2341125
Conc: 17.67 ug/ml



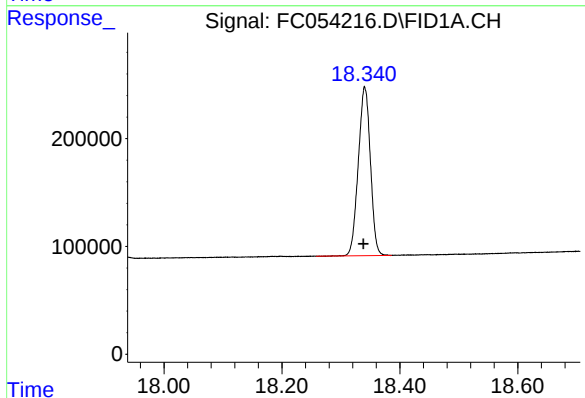
#17 n-Tricontane (C30)

R.T.: 17.508 min
Delta R.T.: 0.002 min
Response: 2273522
Conc: 17.69 ug/ml

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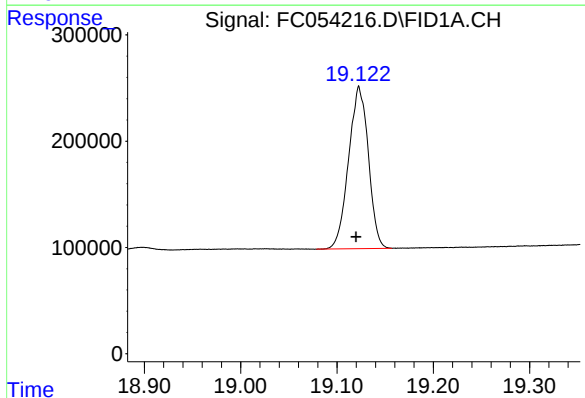
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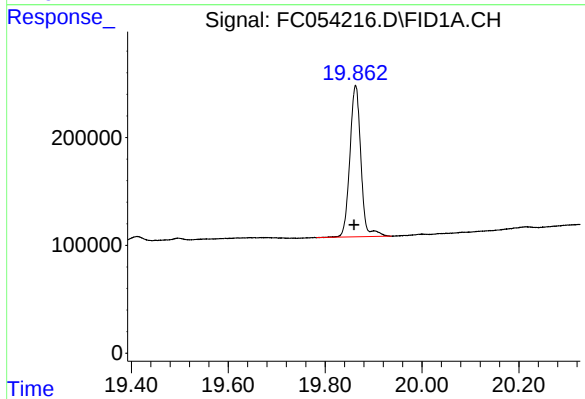
#18 n-Dotriacontane (C32)

R.T.: 18.341 min
Delta R.T.: 0.003 min
Response: 2228682
Conc: 18.11 ug/ml



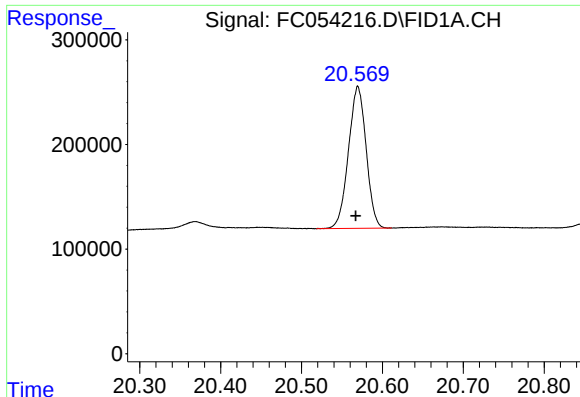
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: 0.002 min
Response: 2169372
Conc: 18.54 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.863 min
Delta R.T.: 0.003 min
Response: 2222600
Conc: 20.14 ug/ml



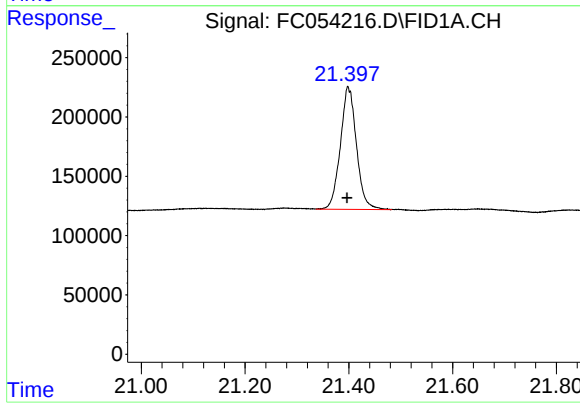
#21 n-Octatriacontane (C38)

R.T.: 20.570 min
Delta R.T.: 0.003 min
Response: 2060299
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.397 min
Delta R.T.: 0.000 min
Response: 2222267
Conc: 20.77 ug/ml m