

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062121AL\
 Data File : FC054343.D
 Signal(s) : FID1A.CH
 Acq On : 21 Jun 2021 12:26
 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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 6/22/2021 12:30:39 PM

Integration File: autoint1.e
 Quant Time: Jun 22 01:13:01 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)	11.346	2695820	17.752 ug/ml
Spiked Amount 50.000		Recovery =	35.50%
12) S 1-chlorooctadecane (S...	12.791	2057872	17.469 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
Target Compounds			
1) T n-Nonane (C9)	3.155	2578433	20.036 ug/ml
2) T n-Decane (C10)	4.210	2601566	20.295 ug/ml
3) T A~Naphthalene (C11.7)	5.777	2845557	19.700 ug/ml
4) T n-Dodecane (C12)	6.218	2628960	20.048 ug/ml
5) T A~2-methylnaphthalene...	6.830	2866185	19.853 ug/ml
6) T n-Tetradecane (C14)	8.007	2631719	19.850 ug/ml
7) T n-Hexadecane (C16)	9.604	2613851	19.323 ug/ml
8) T n-Octadecane (C18)	11.043	2600170	18.630 ug/ml
10) T n-Eicosane (C20)	12.349	2488772	17.924 ug/ml
11) T n-Heneicosane (C21)	12.960	2468404	17.670 ug/ml
13) T n-Docosane (C22)	13.546	2396093	17.316 ug/ml
14) T n-Tetracosane (C24)	14.647	2311978	16.788 ug/ml
15) T n-Hexacosane (C26)	15.667	2206361	16.381 ug/ml
16) T n-Octacosane (C28)	16.615	2153772	16.254 ug/ml
17) T n-Tricontane (C30)	17.502	2135390	16.614 ug/ml
18) T n-Dotriacontane (C32)	18.334	2112401	17.168 ug/ml
19) T n-Tetratriacontane (C34)	19.117	2125613	18.170 ug/mlm
20) T n-Hexatriacontane (C36)	19.856	2080608	18.850 ug/ml
21) T n-Octatriacontane (C38)	20.563	2033035	19.888 ug/mlm
22) T n-Tetracontane (C40)	21.391	2133629	19.941 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 2 Sample Multiplier: 1

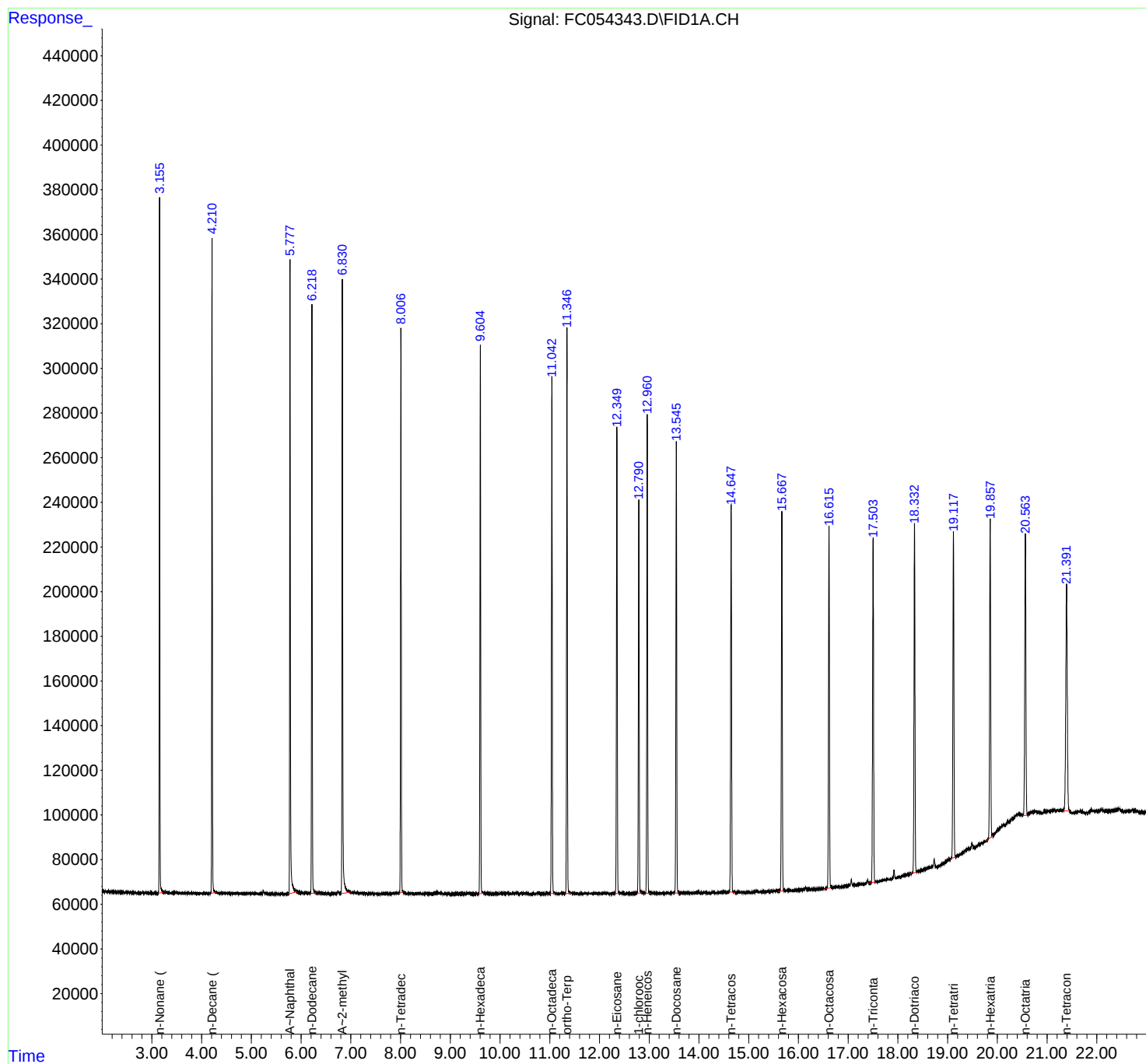
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

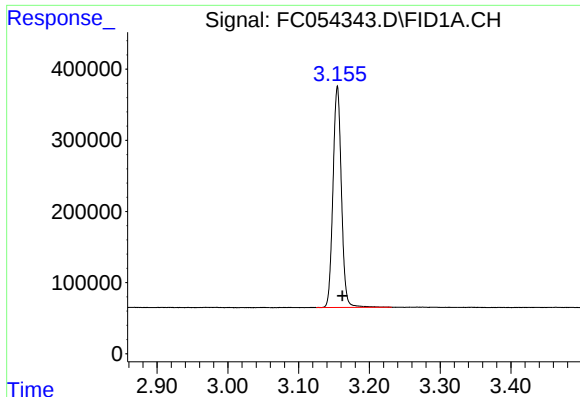
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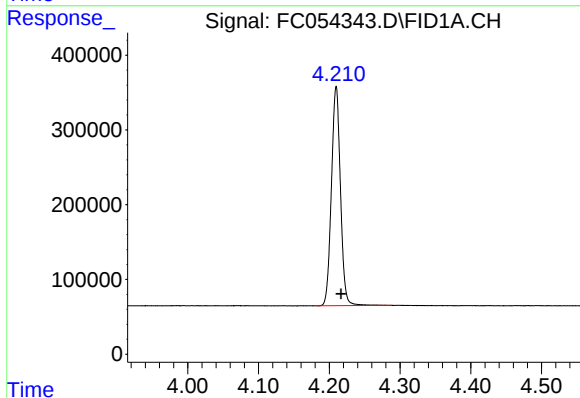
#1 n-Nonane (C9)

R.T.: 3.155 min
Delta R.T.: -0.007 min
Response: 2578433
Conc: 20.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

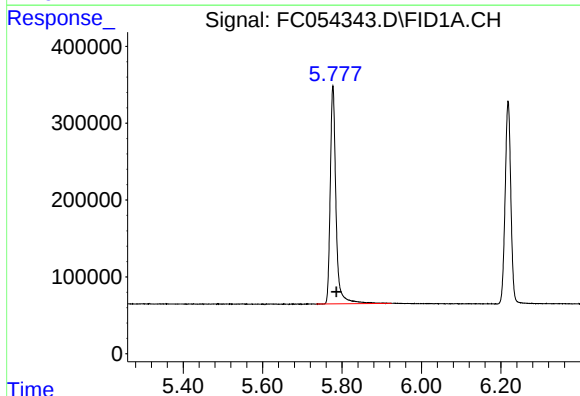
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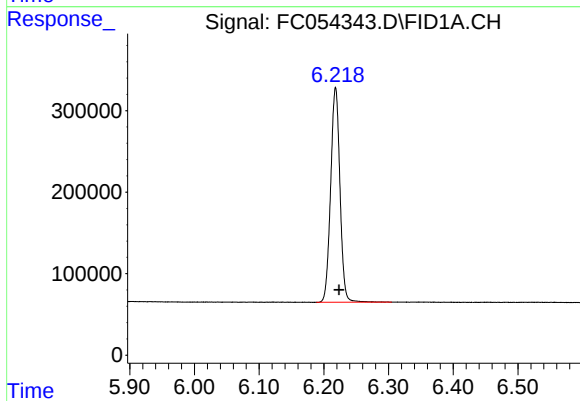
#2 n-Decane (C10)

R.T.: 4.210 min
Delta R.T.: -0.007 min
Response: 2601566
Conc: 20.30 ug/ml



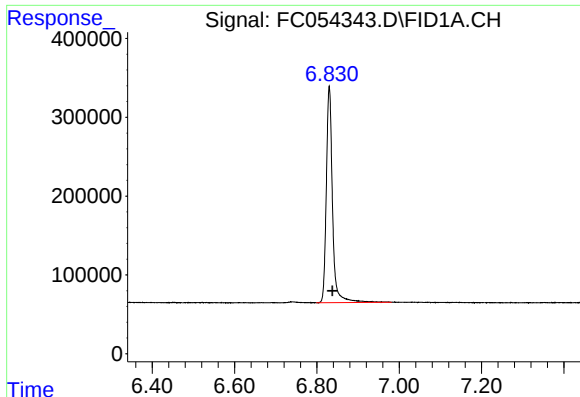
#3 A~Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.008 min
Response: 2845557
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.218 min
Delta R.T.: -0.006 min
Response: 2628960
Conc: 20.05 ug/ml



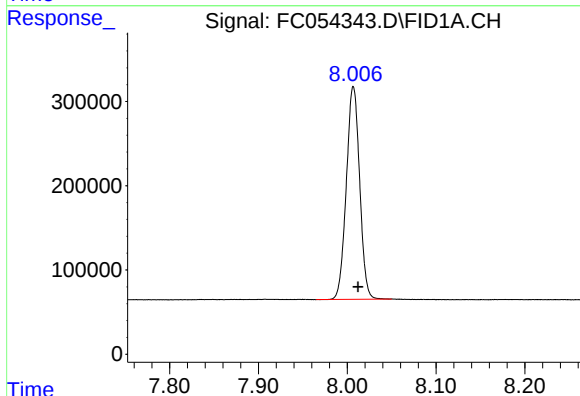
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: -0.007 min
Response: 2866185
Conc: 19.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

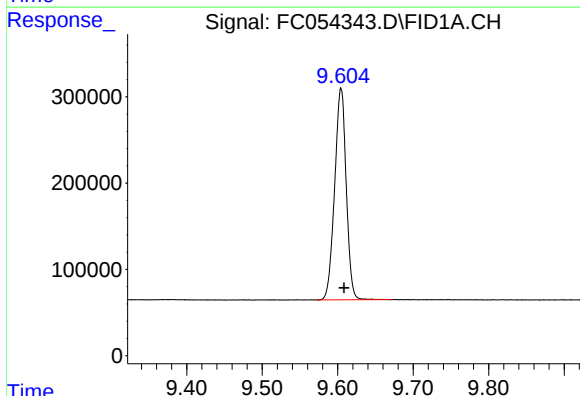
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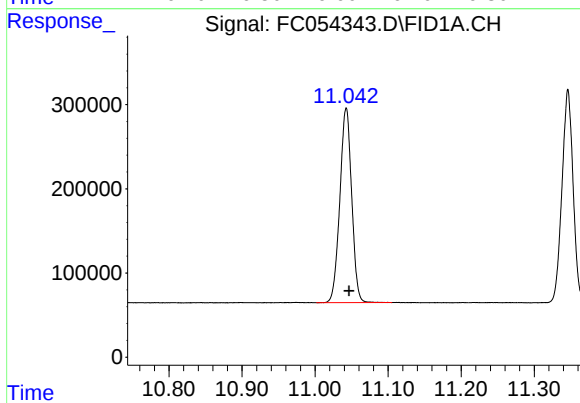
#6 n-Tetradecane (C14)

R.T.: 8.007 min
Delta R.T.: -0.005 min
Response: 2631719
Conc: 19.85 ug/ml



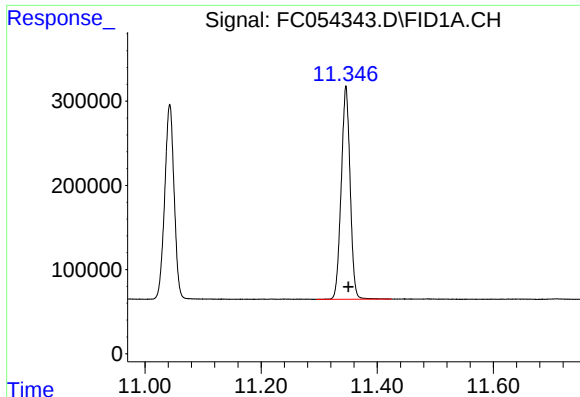
#7 n-Hexadecane (C16)

R.T.: 9.604 min
Delta R.T.: -0.004 min
Response: 2613851
Conc: 19.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.043 min
Delta R.T.: -0.004 min
Response: 2600170
Conc: 18.63 ug/ml



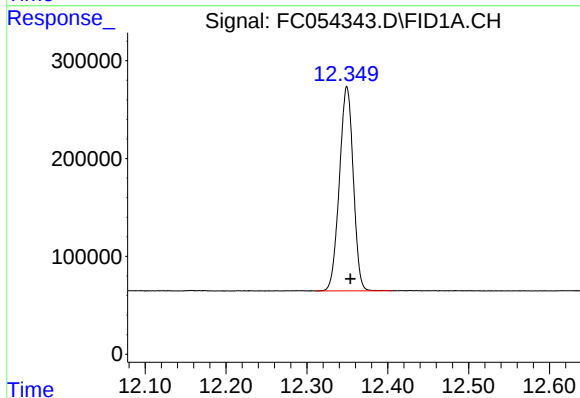
#9 ortho-Terphenyl (SURR)

R.T.: 11.346 min
Delta R.T.: -0.004 min
Response: 2695820
Conc: 17.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

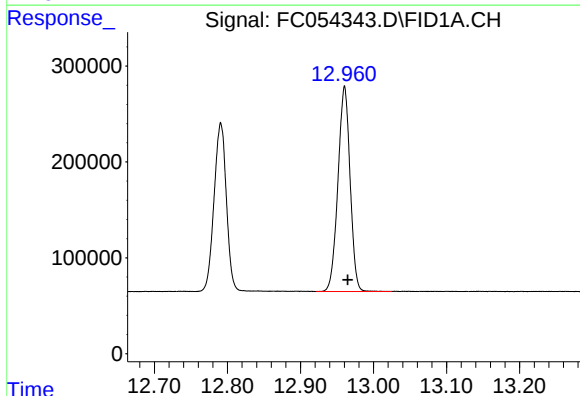
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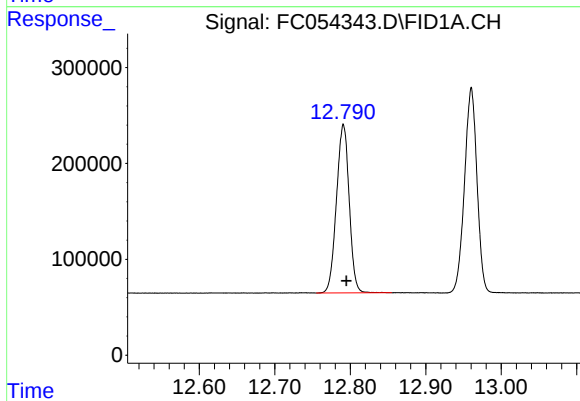
#10 n-Eicosane (C20)

R.T.: 12.349 min
Delta R.T.: -0.004 min
Response: 2488772
Conc: 17.92 ug/ml



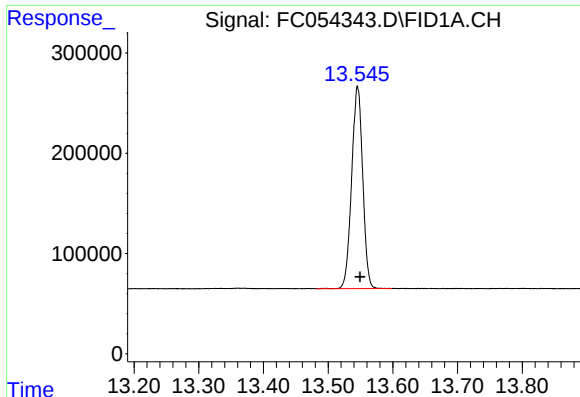
#11 n-Heneicosane (C21)

R.T.: 12.960 min
Delta R.T.: -0.004 min
Response: 2468404
Conc: 17.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.791 min
Delta R.T.: -0.004 min
Response: 2057872
Conc: 17.47 ug/ml



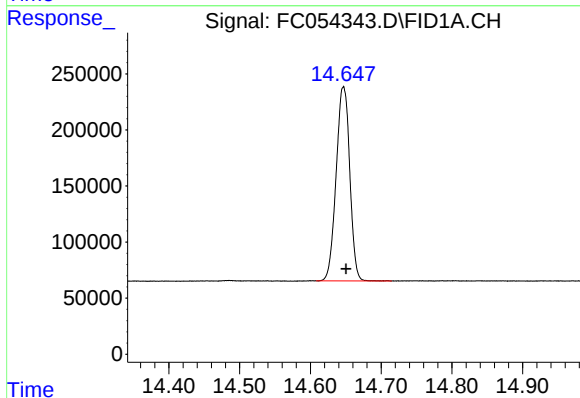
#13 n-Docosane (C22)

R.T.: 13.546 min
Delta R.T.: -0.004 min
Response: 2396093
Conc: 17.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

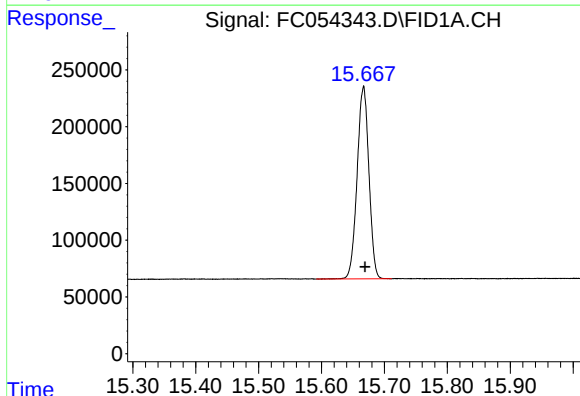
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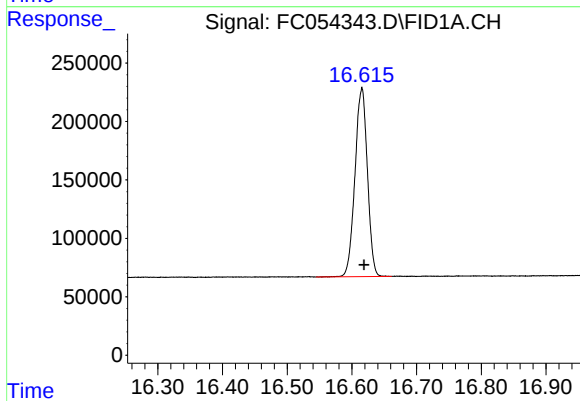
#14 n-Tetracosane (C24)

R.T.: 14.647 min
Delta R.T.: -0.004 min
Response: 2311978
Conc: 16.79 ug/ml



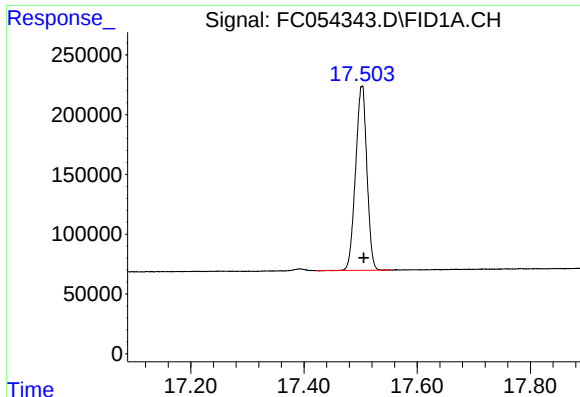
#15 n-Hexacosane (C26)

R.T.: 15.667 min
Delta R.T.: -0.003 min
Response: 2206361
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.615 min
Delta R.T.: -0.004 min
Response: 2153772
Conc: 16.25 ug/ml



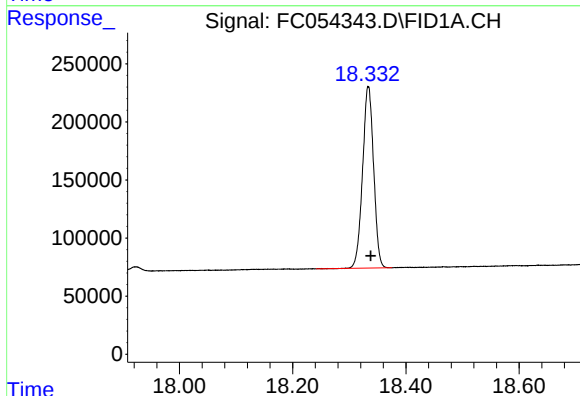
#17 n-Tricontane (C30)

R.T.: 17.502 min
Delta R.T.: -0.004 min
Response: 2135390
Conc: 16.61 ug/ml

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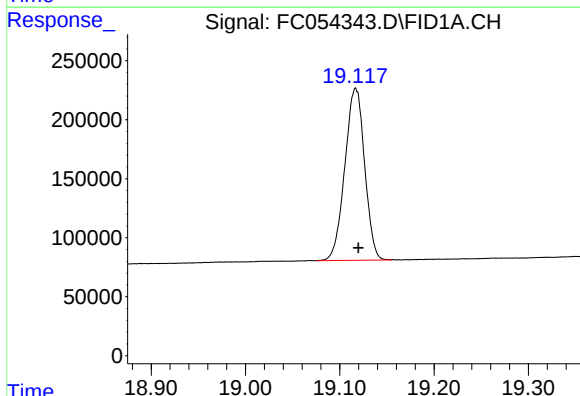
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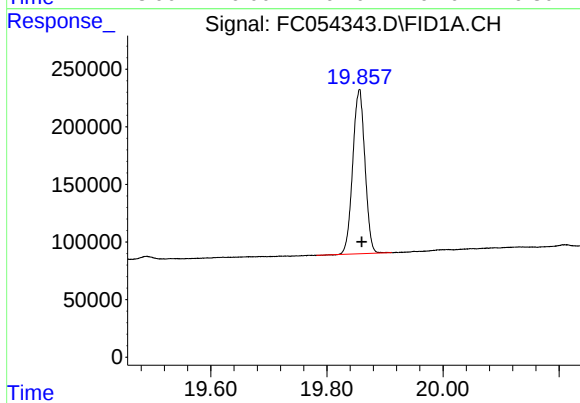
#18 n-Dotriacontane (C32)

R.T.: 18.334 min
Delta R.T.: -0.004 min
Response: 2112401
Conc: 17.17 ug/ml



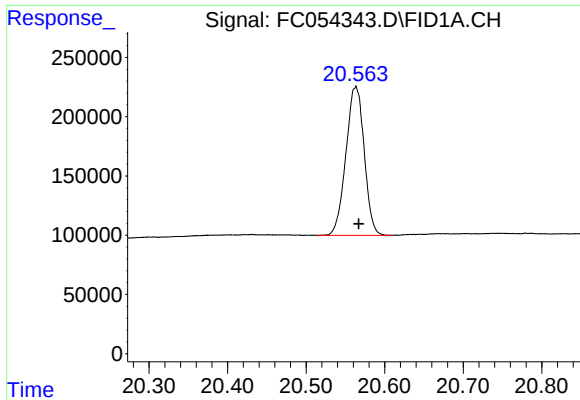
#19 n-Tetratriacontane (C34)

R.T.: 19.117 min
Delta R.T.: -0.003 min
Response: 2125613
Conc: 18.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.856 min
Delta R.T.: -0.004 min
Response: 2080608
Conc: 18.85 ug/ml



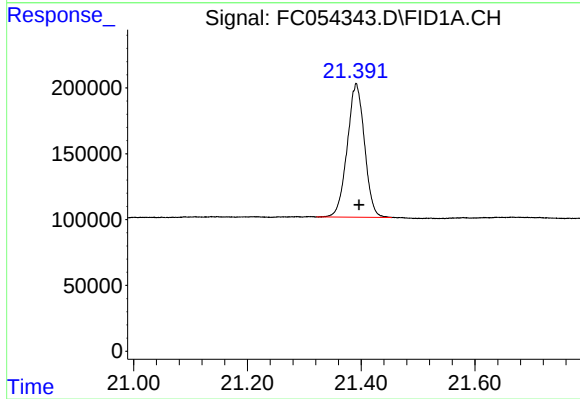
#21 n-Octatriacontane (C38)

R.T.: 20.563 min
Delta R.T.: -0.004 min
Response: 2033035
Conc: 19.89 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.391 min
Delta R.T.: -0.006 min
Response: 2133629
Conc: 19.94 ug/ml m