

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061621AL\
 Data File : FC054264.D
 Signal(s) : FID1A.CH
 Acq On : 16 Jun 2021 12:25
 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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 6/17/2021 3:18:03 PM

Integration File: autoint1.e
 Quant Time: Jun 17 01:18:16 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)	11.349	2818636	18.561 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
12) S 1-chlorooctadecane (S...	12.792	2146562	18.222 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
Target Compounds			
1) T n-Nonane (C9)	3.157	2626855	20.412 ug/ml
2) T n-Decane (C10)	4.212	2660945	20.758 ug/ml
3) T A~Naphthalene (C11.7)	5.780	2935436	20.322 ug/ml
4) T n-Dodecane (C12)	6.222	2672391	20.379 ug/ml
5) T A~2-methylnaphthalene...	6.833	2922736	20.244 ug/ml
6) T n-Tetradecane (C14)	8.011	2681111	20.222 ug/ml
7) T n-Hexadecane (C16)	9.607	2665623	19.706 ug/ml
8) T n-Octadecane (C18)	11.045	2671727	19.142 ug/ml
10) T n-Eicosane (C20)	12.352	2579362	18.577 ug/ml
11) T n-Heneicosane (C21)	12.962	2563177	18.349 ug/ml
13) T n-Docosane (C22)	13.548	2500915	18.074 ug/ml
14) T n-Tetracosane (C24)	14.648	2415331	17.539 ug/ml
15) T n-Hexacosane (C26)	15.668	2296399	17.049 ug/ml
16) T n-Octacosane (C28)	16.617	2235882	16.874 ug/ml
17) T n-Tricontane (C30)	17.503	2199101	17.110 ug/ml
18) T n-Dotriacontane (C32)	18.335	2136126	17.361 ug/mlm
19) T n-Tetratriacontane (C34)	19.119	2127115	18.183 ug/mlm
20) T n-Hexatriacontane (C36)	19.858	2091407	18.948 ug/ml
21) T n-Octatriacontane (C38)	20.565	2059783	20.150 ug/ml
22) T n-Tetracontane (C40)	21.393	2300193	21.497 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

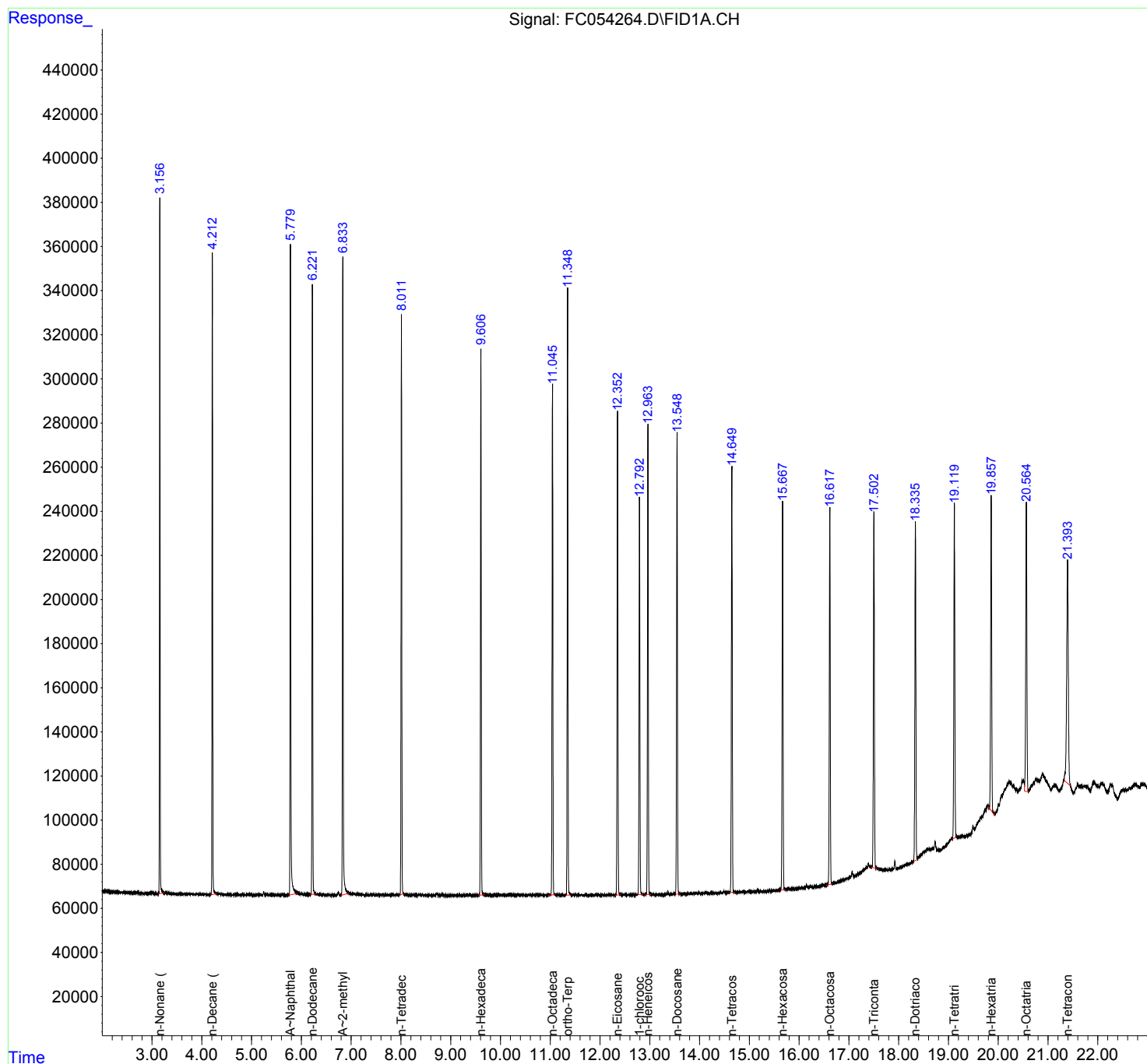
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

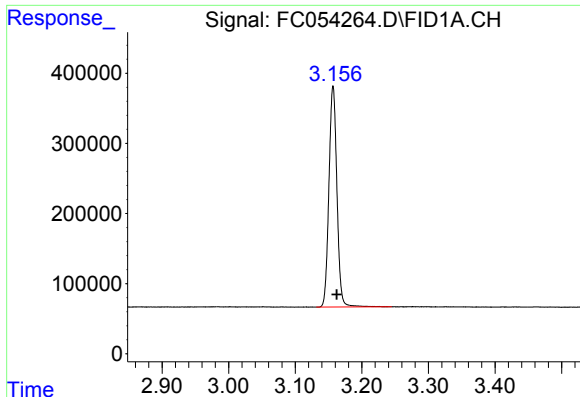
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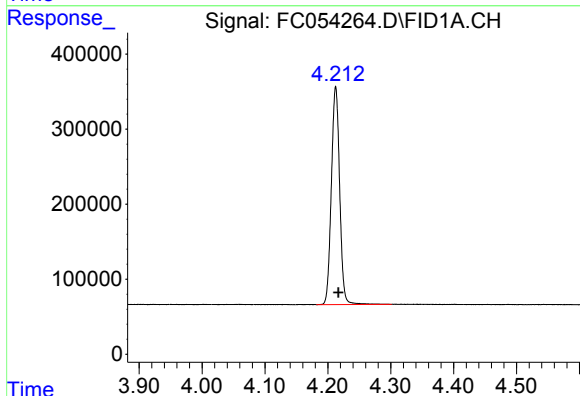
#1 n-Nonane (C9)

R.T.: 3.157 min
Delta R.T.: -0.005 min
Response: 2626855
Conc: 20.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

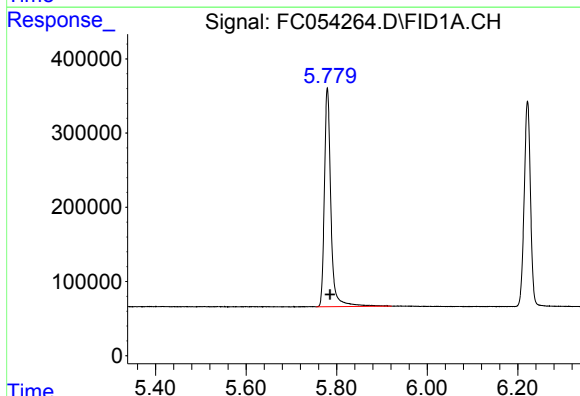
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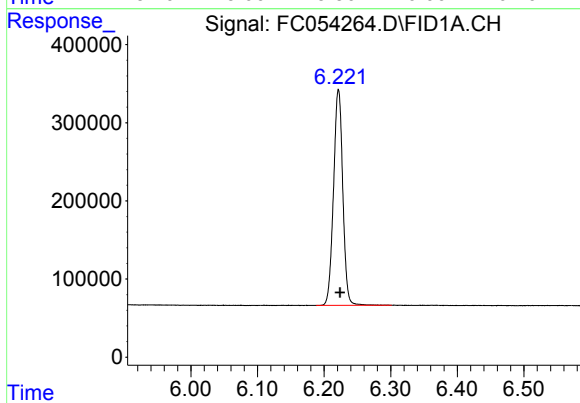
#2 n-Decane (C10)

R.T.: 4.212 min
Delta R.T.: -0.004 min
Response: 2660945
Conc: 20.76 ug/ml



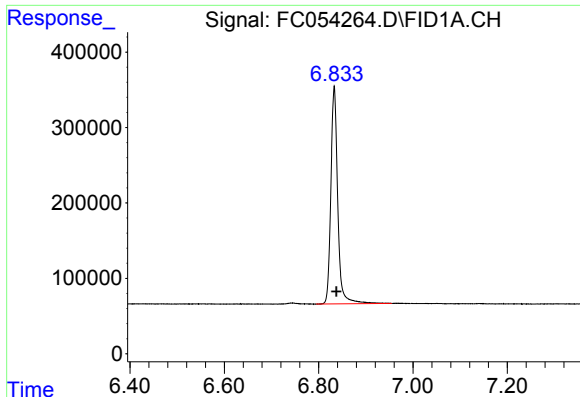
#3 A~Naphthalene (C11.7)

R.T.: 5.780 min
Delta R.T.: -0.006 min
Response: 2935436
Conc: 20.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 2672391
Conc: 20.38 ug/ml



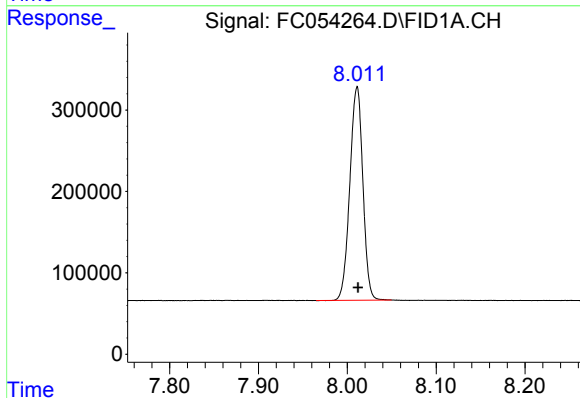
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.833 min
Delta R.T.: -0.004 min
Response: 2922736
Conc: 20.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

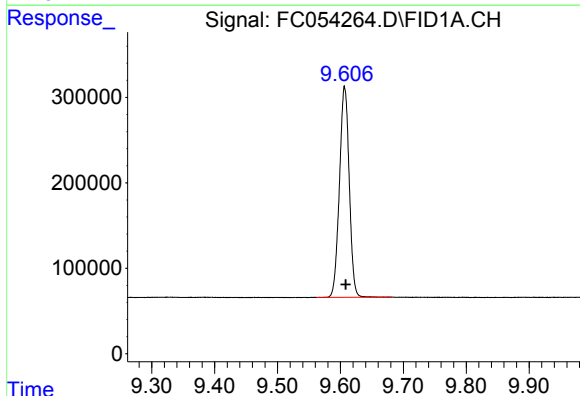
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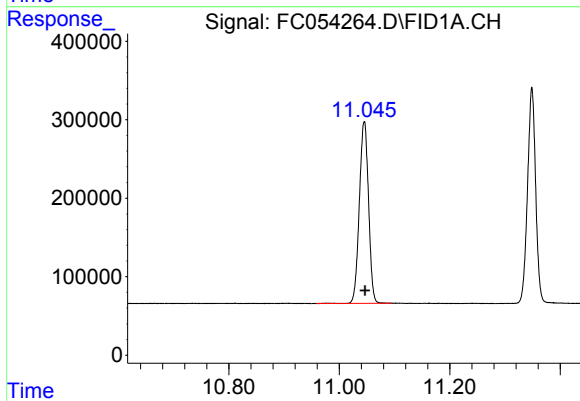
#6 n-Tetradecane (C14)

R.T.: 8.011 min
Delta R.T.: -0.002 min
Response: 2681111
Conc: 20.22 ug/ml



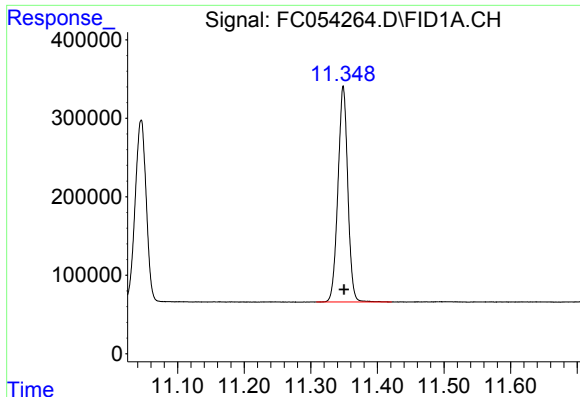
#7 n-Hexadecane (C16)

R.T.: 9.607 min
Delta R.T.: -0.002 min
Response: 2665623
Conc: 19.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.045 min
Delta R.T.: -0.001 min
Response: 2671727
Conc: 19.14 ug/ml



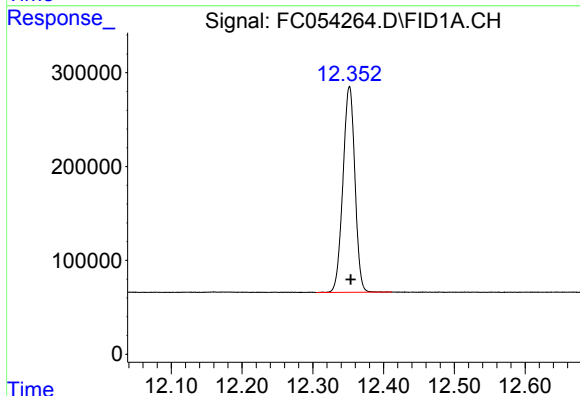
#9 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: -0.001 min
Response: 2818636
Conc: 18.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

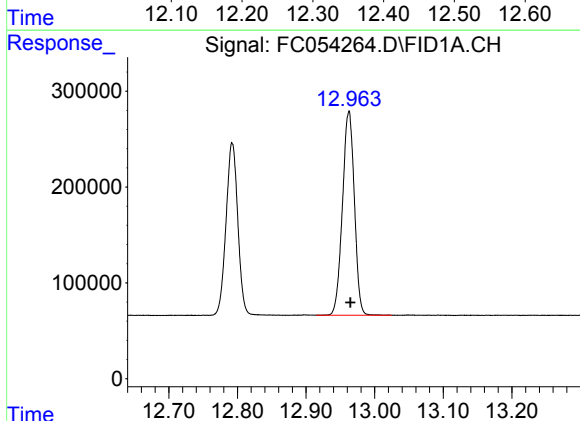
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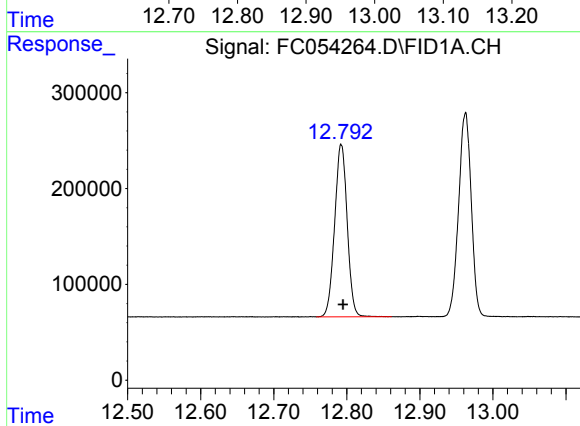
#10 n-Eicosane (C20)

R.T.: 12.352 min
Delta R.T.: -0.002 min
Response: 2579362
Conc: 18.58 ug/ml



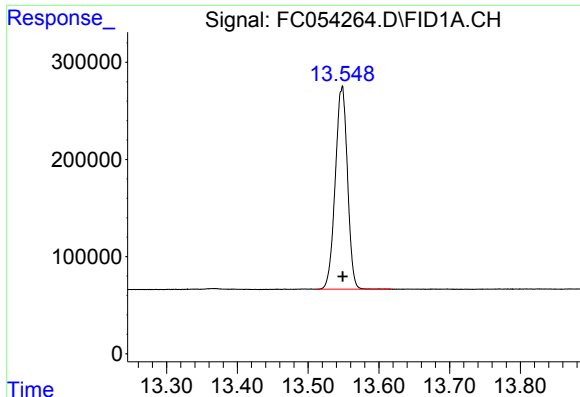
#11 n-Heneicosane (C21)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 2563177
Conc: 18.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.792 min
Delta R.T.: -0.002 min
Response: 2146562
Conc: 18.22 ug/ml



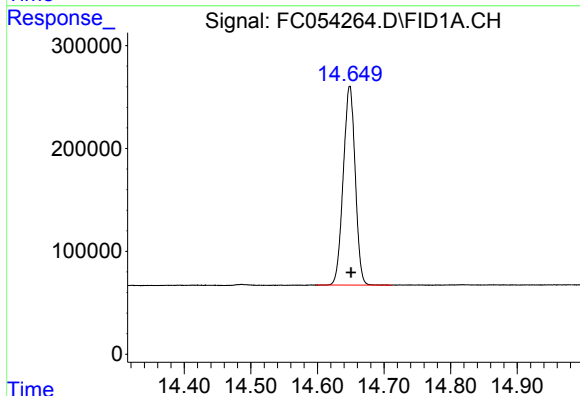
#13 n-Docosane (C22)

R.T.: 13.548 min
Delta R.T.: -0.001 min
Response: 2500915
Conc: 18.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

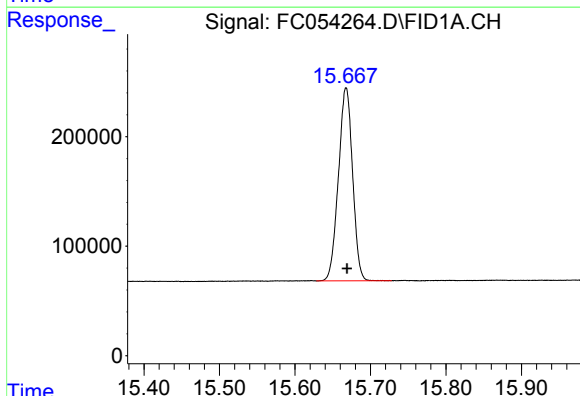
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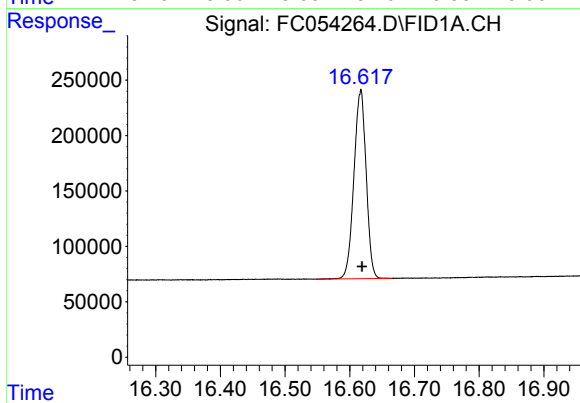
#14 n-Tetracosane (C24)

R.T.: 14.648 min
Delta R.T.: -0.002 min
Response: 2415331
Conc: 17.54 ug/ml



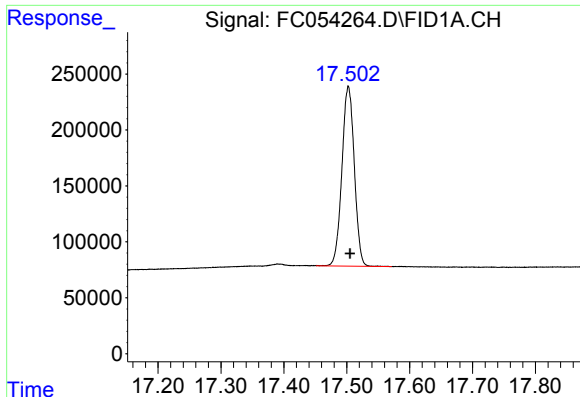
#15 n-Hexacosane (C26)

R.T.: 15.668 min
Delta R.T.: -0.001 min
Response: 2296399
Conc: 17.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: -0.002 min
Response: 2235882
Conc: 16.87 ug/ml



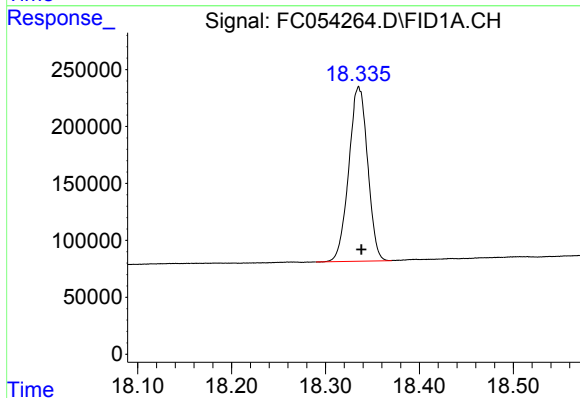
#17 n-Tricontane (C30)

R.T.: 17.503 min
Delta R.T.: -0.003 min
Response: 2199101
Conc: 17.11 ug/ml

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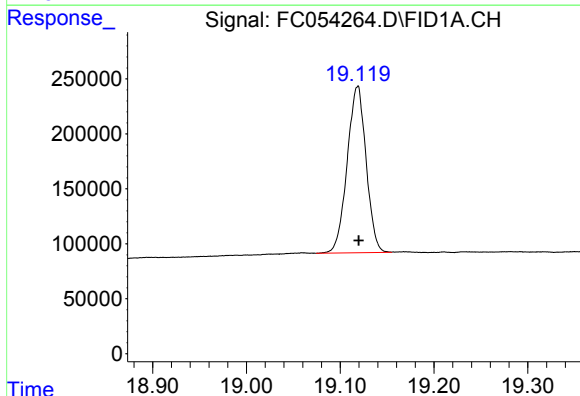
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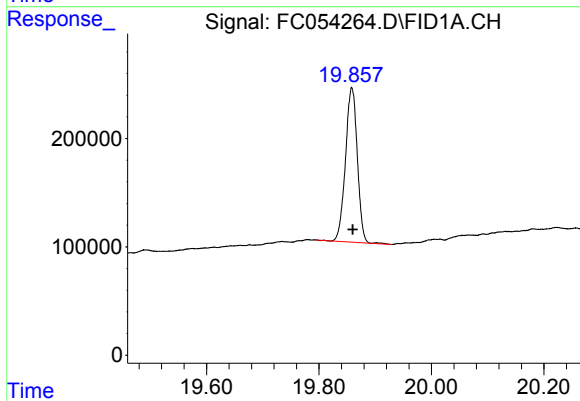
#18 n-Dotriacontane (C32)

R.T.: 18.335 min
Delta R.T.: -0.003 min
Response: 2136126
Conc: 17.36 ug/ml m



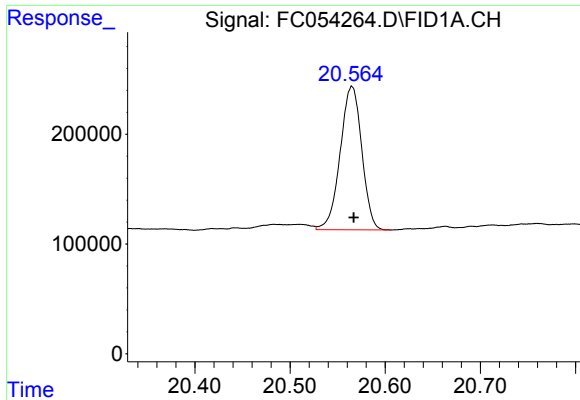
#19 n-Tetratriacontane (C34)

R.T.: 19.119 min
Delta R.T.: 0.000 min
Response: 2127115
Conc: 18.18 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.858 min
Delta R.T.: -0.002 min
Response: 2091407
Conc: 18.95 ug/ml



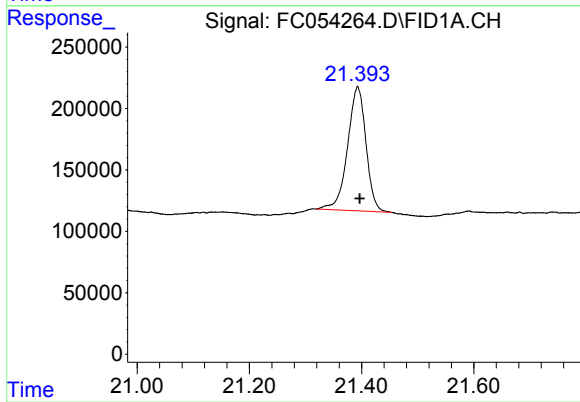
#21 n-Octatriacontane (C38)

R.T.: 20.565 min
Delta R.T.: -0.002 min
Response: 2059783
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.393 min
Delta R.T.: -0.003 min
Response: 2300193
Conc: 21.50 ug/ml m