

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101119AL\
 Data File : FC043933.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2019 7:16
 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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 10/14/2019 3:02:08 PM

Integration File: autoint1.e
 Quant Time: Oct 14 00:21:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 12 00:05:39 2019
 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)	11.566	2930818	19.310 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	12.986	2225941	18.775 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
Target Compounds			
1) T n-Nonane (C9)	3.421	2730457	22.584 ug/ml
2) T n-Decane (C10)	4.473	2775972	22.934 ug/ml
3) T A~Naphthalene (C11.7)	6.052	2672900	22.703 ug/ml
4) T n-Dodecane (C12)	6.463	2895236	22.891 ug/ml
5) T A~2-methylnaphthalene...	7.097	2634443	21.862 ug/ml
6) T n-Tetradecane (C14)	8.237	2900672	22.535 ug/ml
7) T n-Hexadecane (C16)	9.819	2873151	21.821 ug/ml
8) T n-Octadecane (C18)	11.246	2814219	20.633 ug/ml
10) T n-Eicosane (C20)	12.543	2726133	19.532 ug/ml
11) T n-Heneicosane (C21)	13.150	2693922	18.956 ug/ml
13) T n-Docosane (C22)	13.731	2618060	18.426 ug/ml
14) T n-Tetracosane (C24)	14.826	2526482	17.599 ug/ml
15) T n-Hexacosane (C26)	15.839	2451564	17.144 ug/ml
16) T n-Octacosane (C28)	16.782	2423450	17.096 ug/ml
17) T n-Tricontane (C30)	17.665	2450624	17.474 ug/ml
18) T n-Dotriacontane (C32)	18.491	2421014	18.226 ug/ml
19) T n-Tetratriacontane (C34)	19.271	2368500	18.957 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2295985	19.864 ug/mlm
21) T n-Octatriacontane (C38)	20.728	2183435	20.515 ug/ml
22) T n-Tetracontane (C40)	21.604	2234564	21.372 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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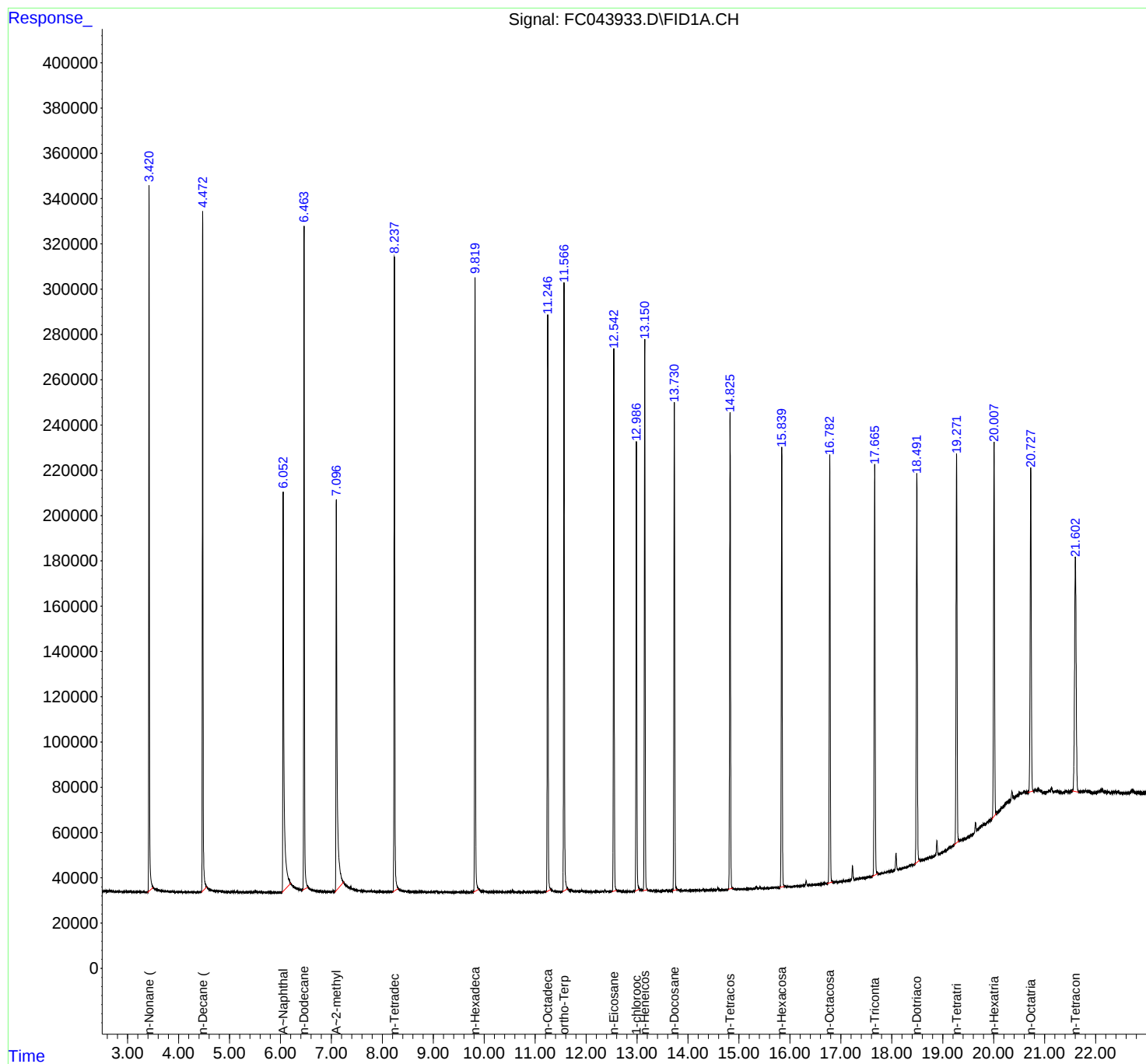
Instrument :
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20 PPM ALIPHATIC HC STD

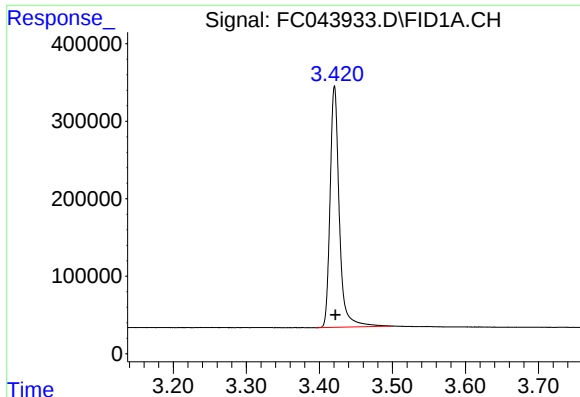
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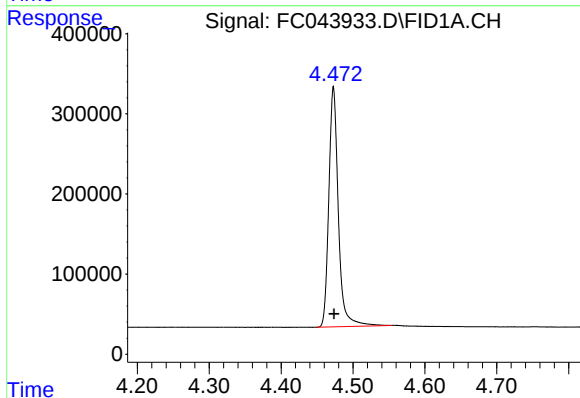
#1 n-Nonane (C9)

R.T.: 3.421 min
Delta R.T.: -0.001 min
Response: 2730457
Conc: 22.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

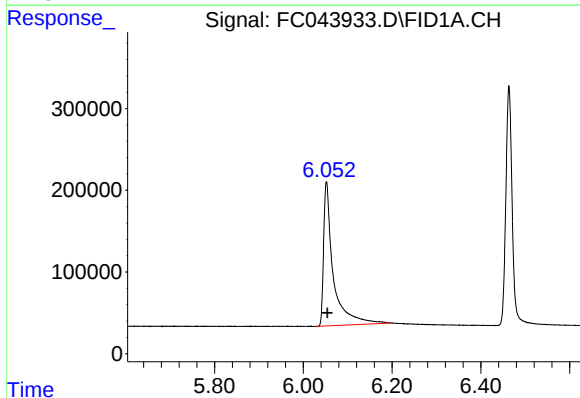
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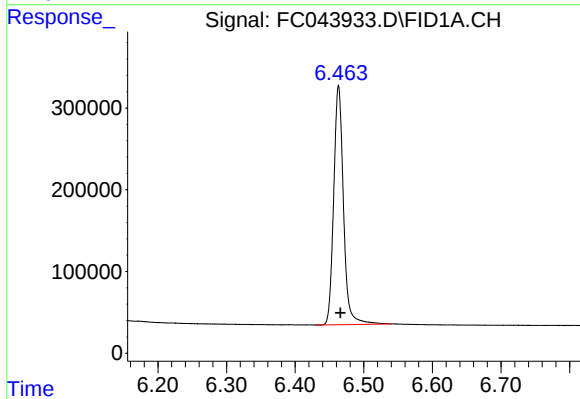
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: 0.000 min
Response: 2775972
Conc: 22.93 ug/ml



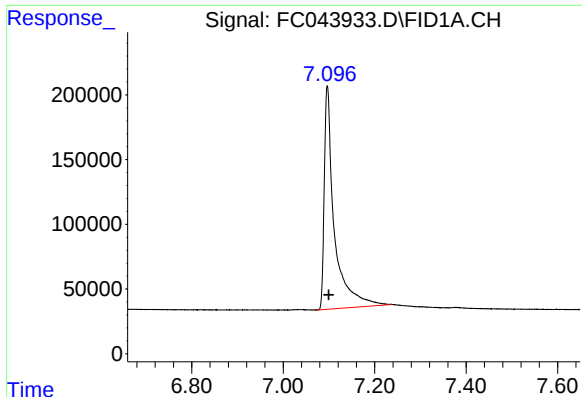
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 2672900
Conc: 22.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.463 min
Delta R.T.: -0.002 min
Response: 2895236
Conc: 22.89 ug/ml



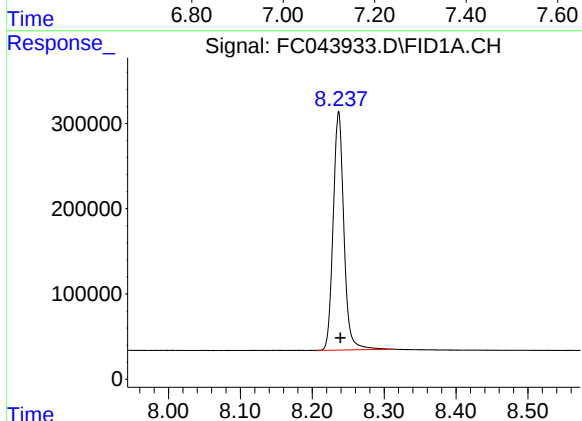
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.003 min
Response: 2634443
Conc: 21.86 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

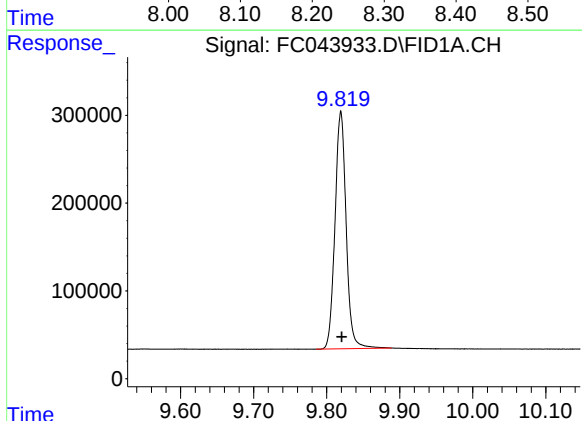
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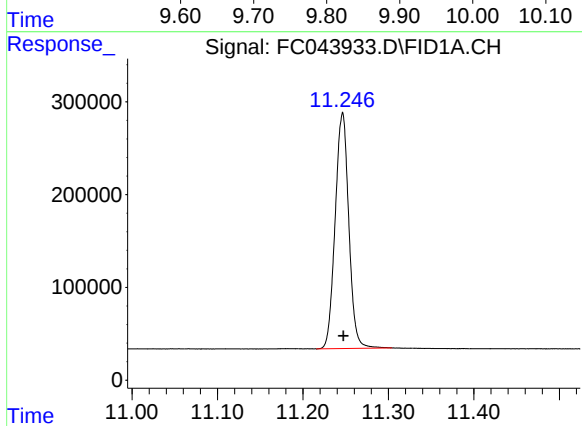
#6 n-Tetradecane (C14)

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 2900672
Conc: 22.53 ug/ml



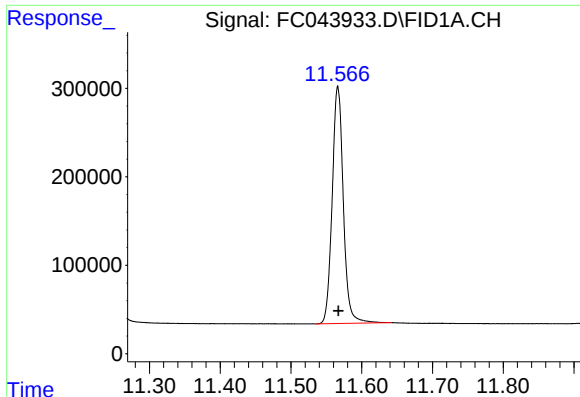
#7 n-Hexadecane (C16)

R.T.: 9.819 min
Delta R.T.: -0.001 min
Response: 2873151
Conc: 21.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.246 min
Delta R.T.: 0.000 min
Response: 2814219
Conc: 20.63 ug/ml



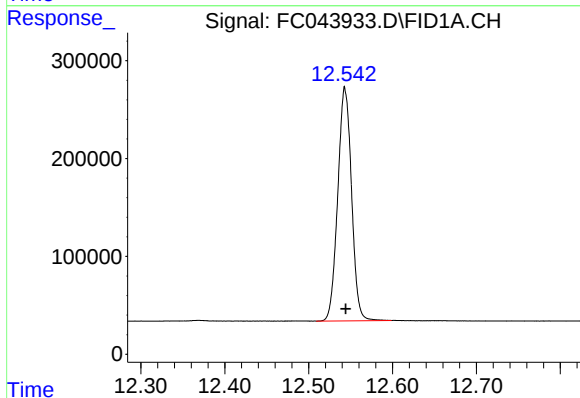
#9 ortho-Terphenyl (SURR)

R.T.: 11.566 min
Delta R.T.: -0.001 min
Response: 2930818
Conc: 19.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

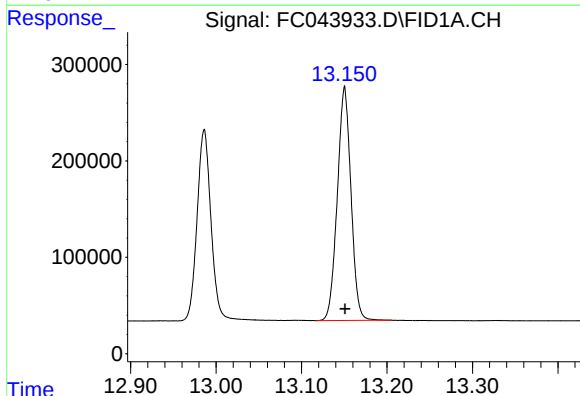
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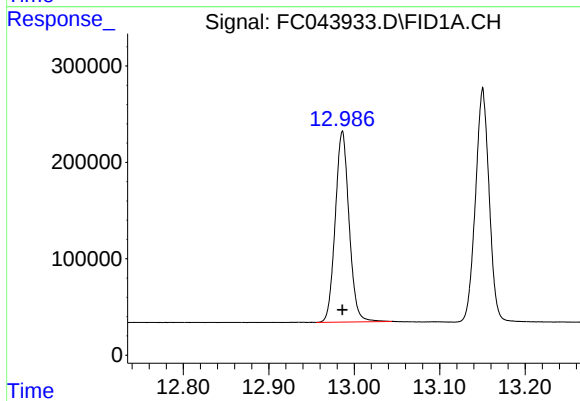
#10 n-Eicosane (C20)

R.T.: 12.543 min
Delta R.T.: -0.001 min
Response: 2726133
Conc: 19.53 ug/ml



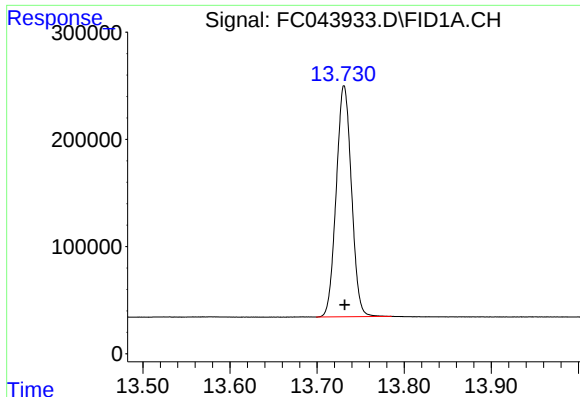
#11 n-Heneicosane (C21)

R.T.: 13.150 min
Delta R.T.: 0.000 min
Response: 2693922
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.986 min
Delta R.T.: 0.000 min
Response: 2225941
Conc: 18.77 ug/ml



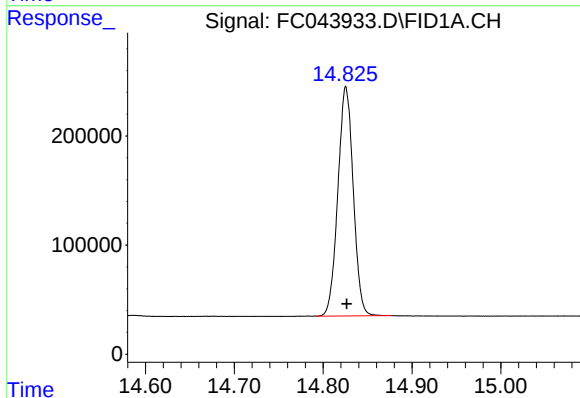
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: 0.000 min
Response: 2618060
Conc: 18.43 ug/ml

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20 PPM ALIPHATIC HC STD

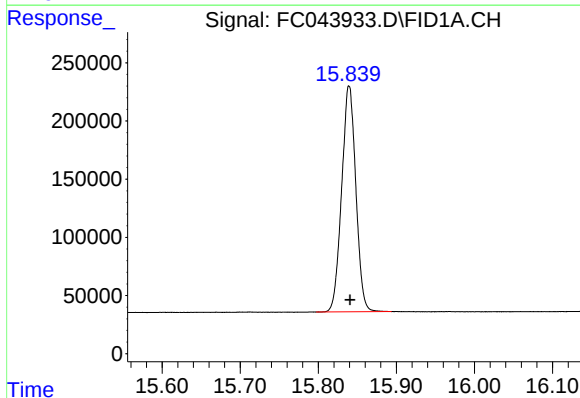
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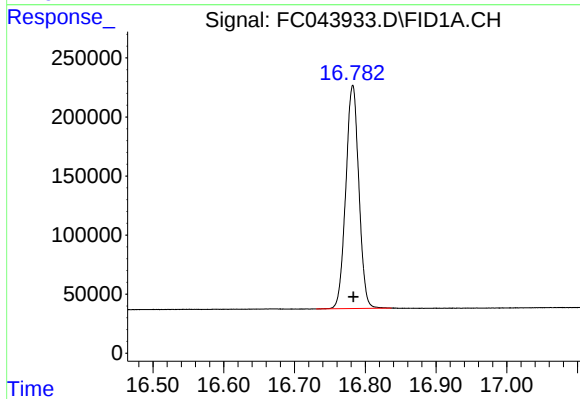
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.000 min
Response: 2526482
Conc: 17.60 ug/ml



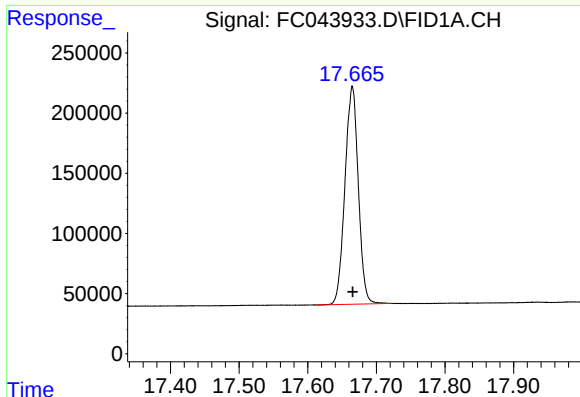
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.001 min
Response: 2451564
Conc: 17.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.782 min
Delta R.T.: -0.001 min
Response: 2423450
Conc: 17.10 ug/ml



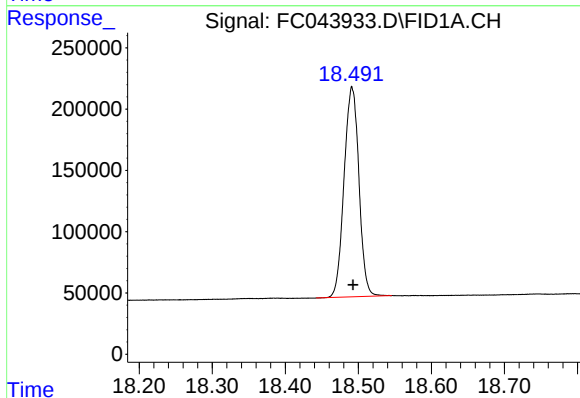
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: 0.000 min
Response: 2450624
Conc: 17.47 ug/ml

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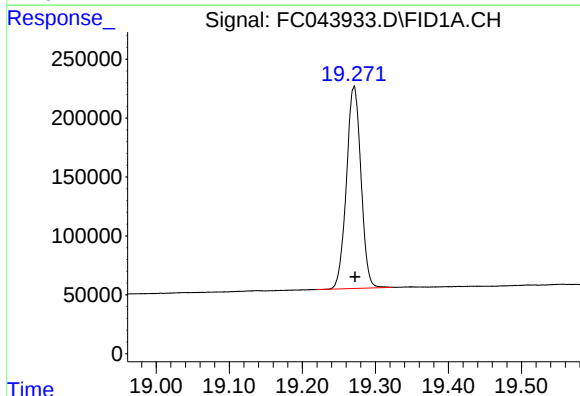
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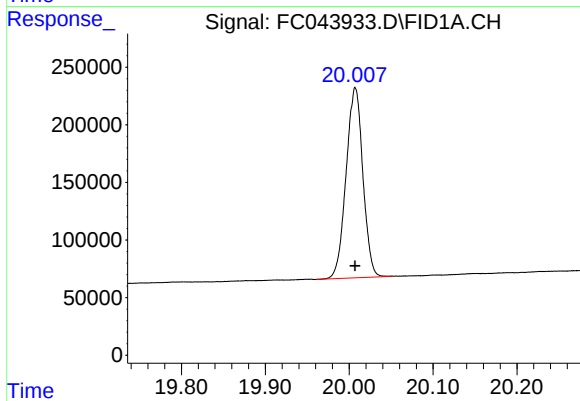
#18 n-Dotriacontane (C32)

R.T.: 18.491 min
Delta R.T.: -0.001 min
Response: 2421014
Conc: 18.23 ug/ml



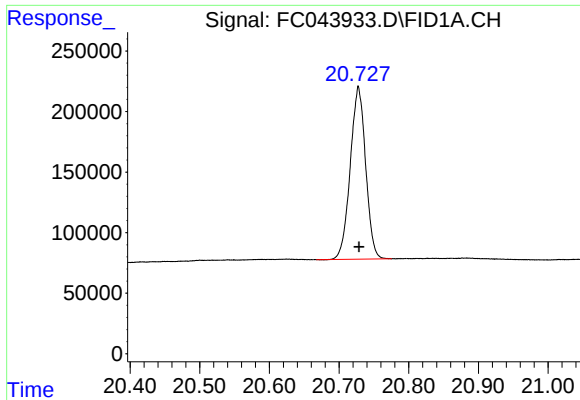
#19 n-Tetratriacontane (C34)

R.T.: 19.271 min
Delta R.T.: -0.002 min
Response: 2368500
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 2295985
Conc: 19.86 ug/ml m



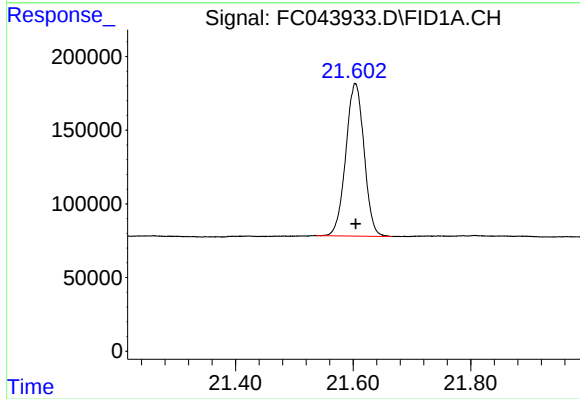
#21 n-Octatriacontane (C38)

R.T.: 20.728 min
Delta R.T.: 0.000 min
Response: 2183435
Conc: 20.51 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.604 min
Delta R.T.: 0.000 min
Response: 2234564
Conc: 21.37 ug/ml