

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031519AL\
 Data File : FC039901.D
 Signal(s) : FID1A.CH
 Acq On : 16 Mar 2019 12:09
 Operator : AJ\SJ
 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

Sohil
 3/18/2019 4:11:39 PM

Integration File: sample.E
 Quant Time: Mar 18 12:10:57 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 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)	11.141	3639657	21.639 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
12) S 1-chlorooctadecane (S...	12.586	2619430	20.766 ug/ml
Spiked Amount 50.000		Recovery =	41.53%
Target Compounds			
1) T n-Nonane (C9)	3.013	2159474	17.993 ug/ml
2) T n-Decane (C10)	4.062	2266601	18.814 ug/ml
3) T A~Naphthalene (C11.7)	5.613	2751898	21.148 ug/ml
4) T n-Dodecane (C12)	6.059	2443294	19.776 ug/ml
5) T A~2-methylnaphthalene...	6.659	2758634	21.272 ug/ml
6) T n-Tetradecane (C14)	7.837	2552512	20.041 ug/ml
7) T n-Hexadecane (C16)	9.422	2605251	20.104 ug/ml
8) T n-Octadecane (C18)	10.851	2618856	19.468 ug/ml
10) T n-Eicosane (C20)	12.150	2647328	20.302 ug/ml
11) T n-Heneicosane (C21)	12.757	2649162	20.889 ug/ml
13) T n-Docosane (C22)	13.340	2667637	21.177 ug/ml
14) T n-Tetracosane (C24)	14.434	2695613	21.567 ug/ml
15) T n-Hexacosane (C26)	15.449	2699947	21.645 ug/ml
16) T n-Octacosane (C28)	16.393	2771904	20.739 ug/ml
17) T n-Tricontane (C30)	17.276	2792269	19.026 ug/ml
18) T n-Dotriacontane (C32)	18.103	2662906	19.823 ug/ml
19) T n-Tetratriacontane (C34)	18.881	2301128	20.230 ug/ml
20) T n-Hexatriacontane (C36)	19.618	1973472	20.462 ug/mlm
21) T n-Octatriacontane (C38)	20.316	1808584	19.698 ug/mlm
22) T n-Tetracontane (C40)	21.070	1715392	18.901 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
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ALS Vial : 2 Sample Multiplier: 1

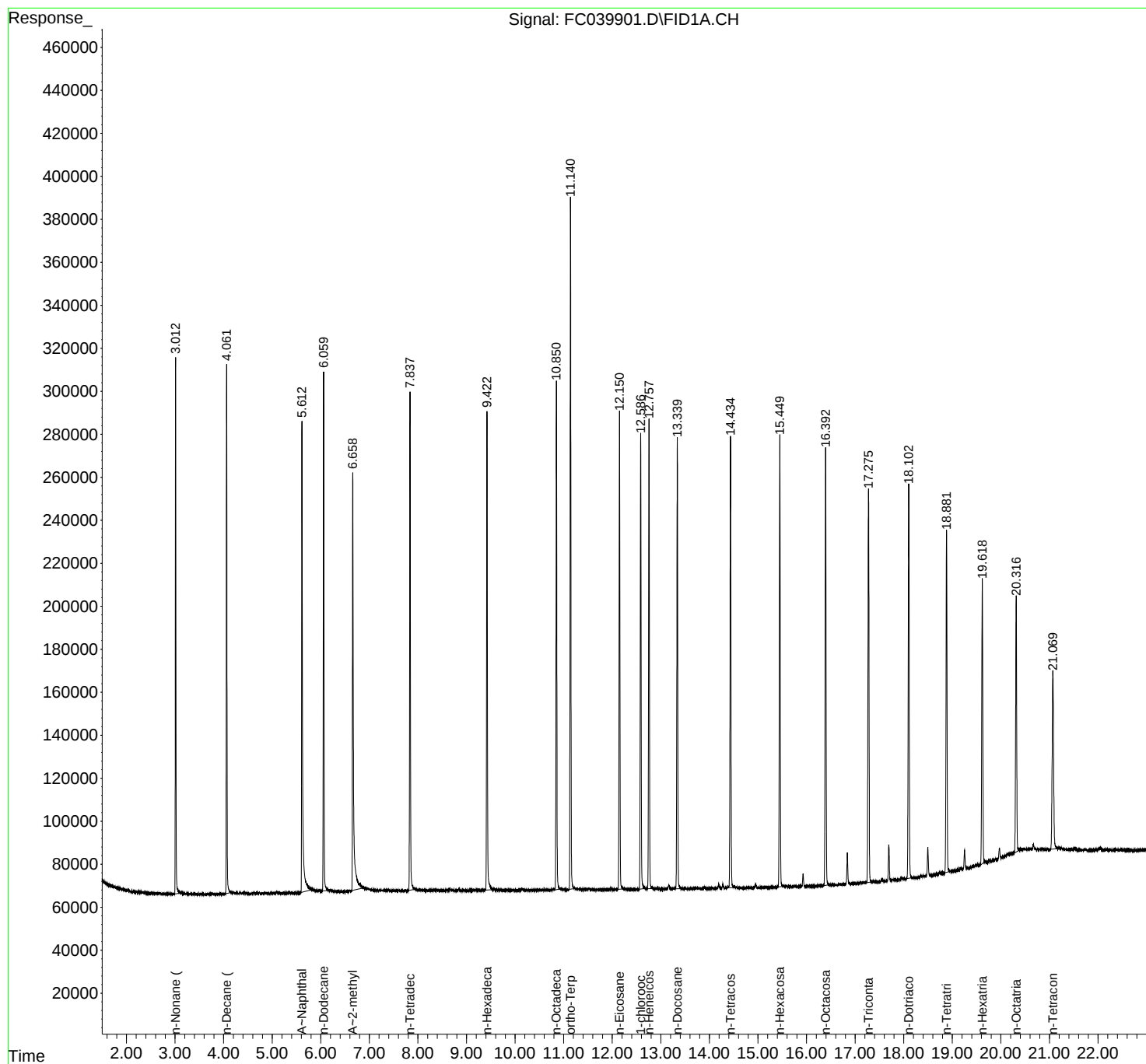
Instrument :
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20 PPM ALIPHATIC HC STD

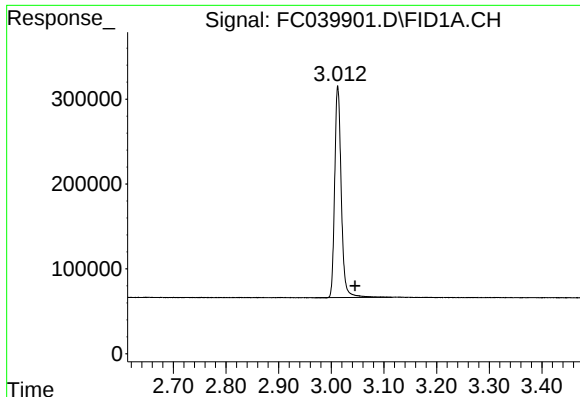
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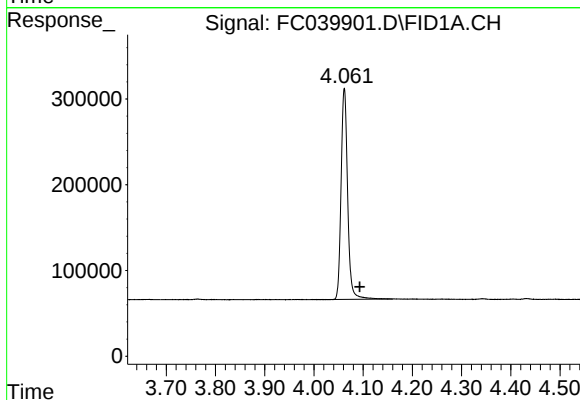
#1 n-Nonane (C9)

R.T.: 3.013 min
Delta R.T.: -0.032 min
Response: 2159474
Conc: 17.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

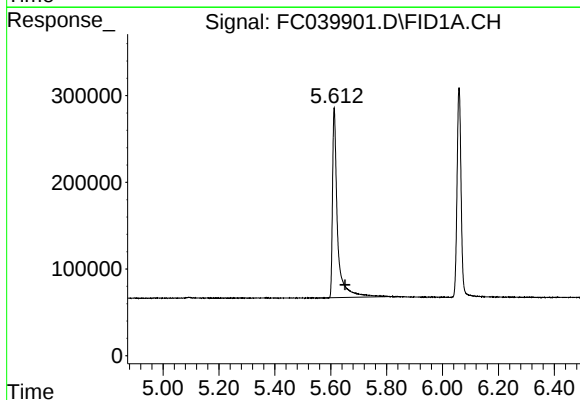
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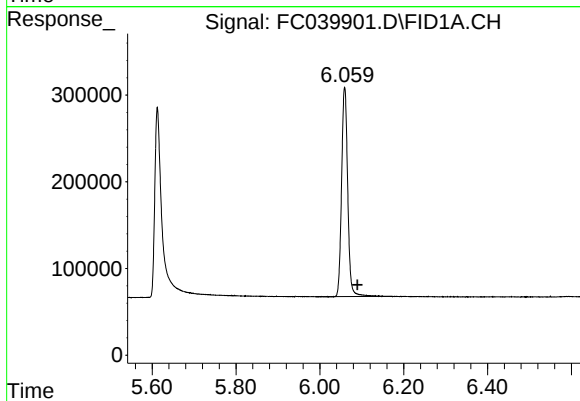
#2 n-Decane (C10)

R.T.: 4.062 min
Delta R.T.: -0.031 min
Response: 2266601
Conc: 18.81 ug/ml



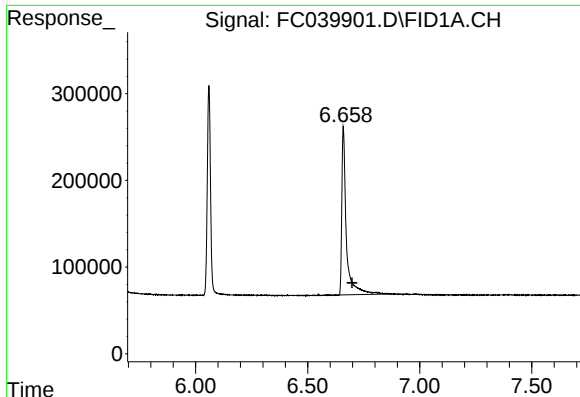
#3 A~Naphthalene (C11.7)

R.T.: 5.613 min
Delta R.T.: -0.038 min
Response: 2751898
Conc: 21.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.059 min
Delta R.T.: -0.031 min
Response: 2443294
Conc: 19.78 ug/ml



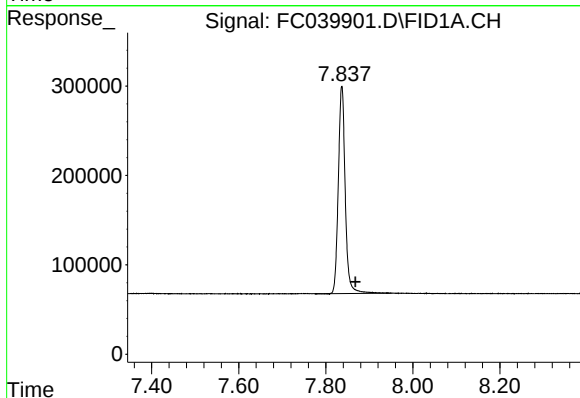
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.659 min
Delta R.T.: -0.038 min
Response: 2758634
Conc: 21.27 ug/ml

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20 PPM ALIPHATIC HC STD

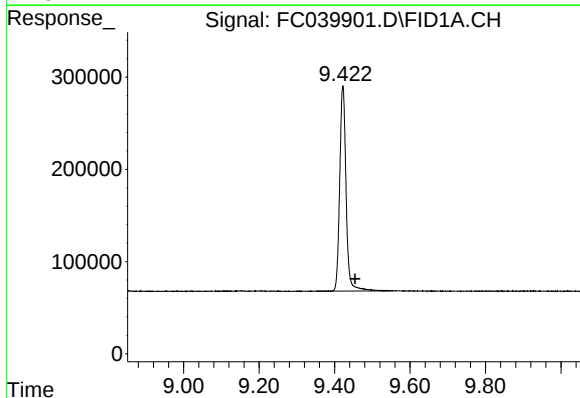
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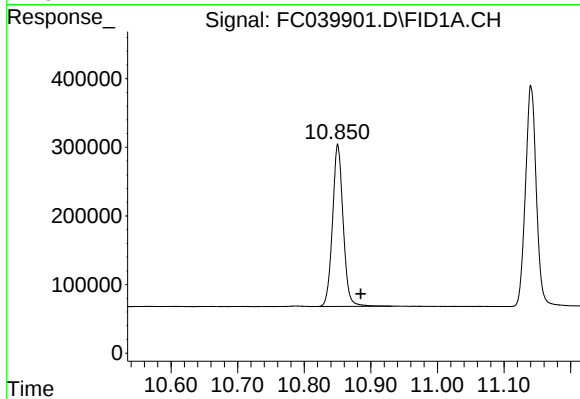
#6 n-Tetradecane (C14)

R.T.: 7.837 min
Delta R.T.: -0.031 min
Response: 2552512
Conc: 20.04 ug/ml



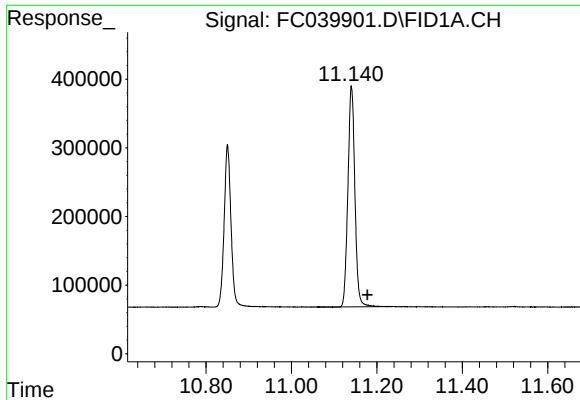
#7 n-Hexadecane (C16)

R.T.: 9.422 min
Delta R.T.: -0.033 min
Response: 2605251
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.851 min
Delta R.T.: -0.034 min
Response: 2618856
Conc: 19.47 ug/ml



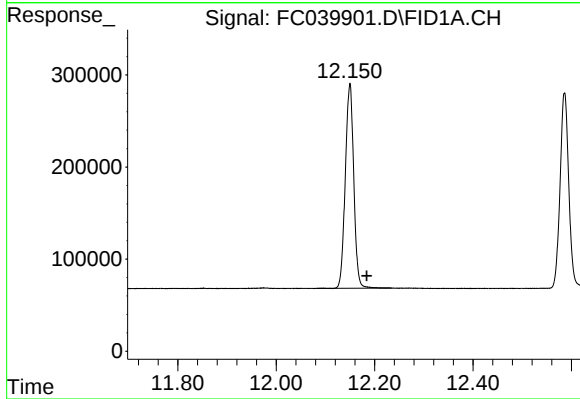
#9 ortho-Terphenyl (SURR)

R.T.: 11.141 min
Delta R.T.: -0.037 min
Response: 3639657
Conc: 21.64 ug/ml

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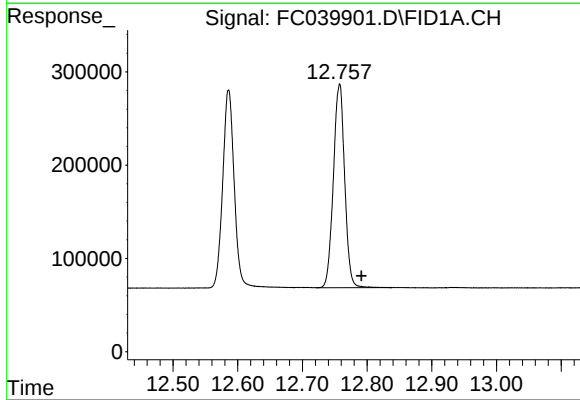
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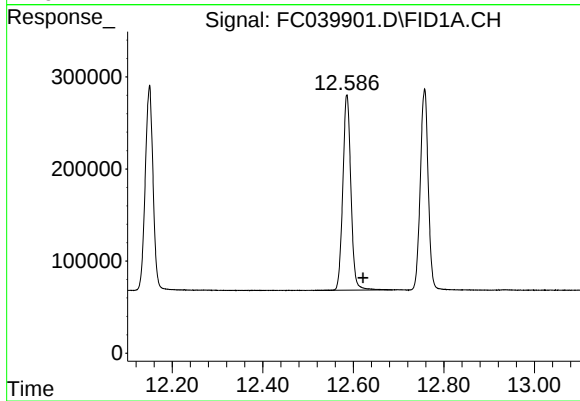
#10 n-Eicosane (C20)

R.T.: 12.150 min
Delta R.T.: -0.035 min
Response: 2647328
Conc: 20.30 ug/ml



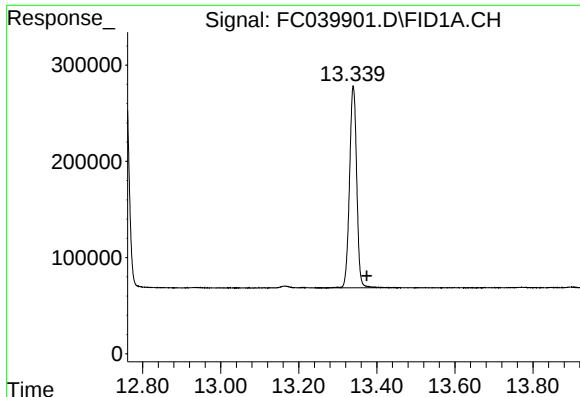
#11 n-Heneicosane (C21)

R.T.: 12.757 min
Delta R.T.: -0.034 min
Response: 2649162
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.586 min
Delta R.T.: -0.036 min
Response: 2619430
Conc: 20.77 ug/ml



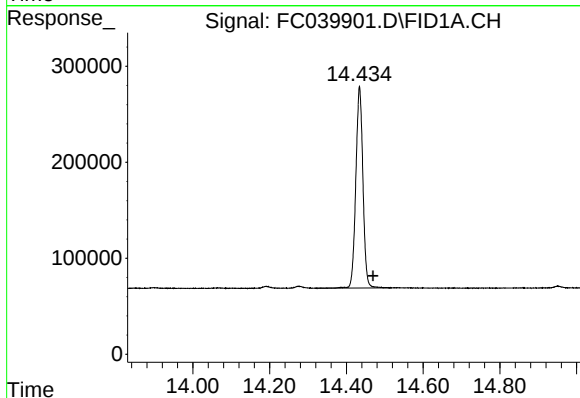
#13 n-Docosane (C22)

R.T.: 13.340 min
Delta R.T.: -0.035 min
Response: 2667637
Conc: 21.18 ug/ml

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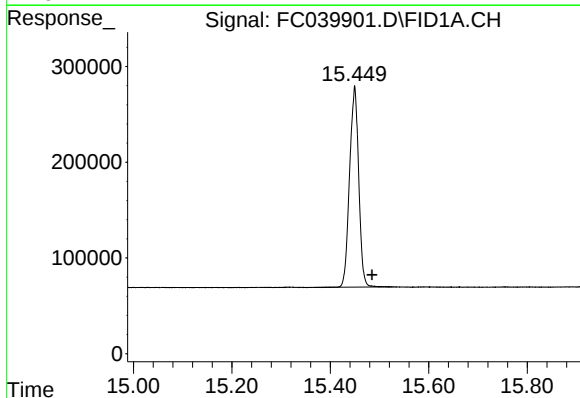
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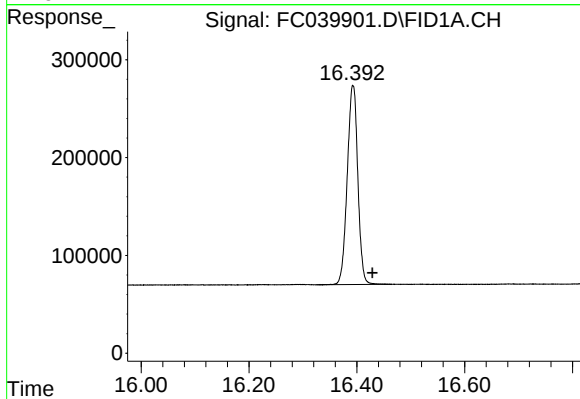
#14 n-Tetracosane (C24)

R.T.: 14.434 min
Delta R.T.: -0.036 min
Response: 2695613
Conc: 21.57 ug/ml



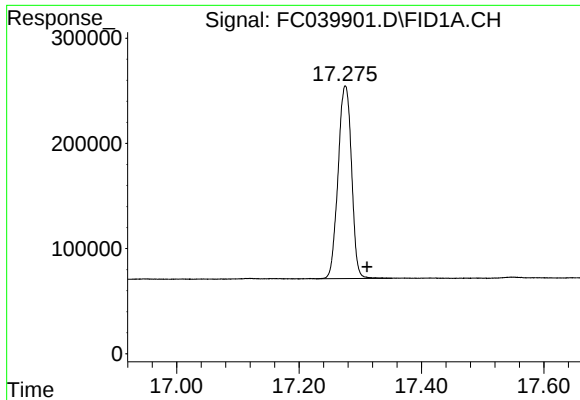
#15 n-Hexacosane (C26)

R.T.: 15.449 min
Delta R.T.: -0.036 min
Response: 2699947
Conc: 21.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.393 min
Delta R.T.: -0.036 min
Response: 2771904
Conc: 20.74 ug/ml



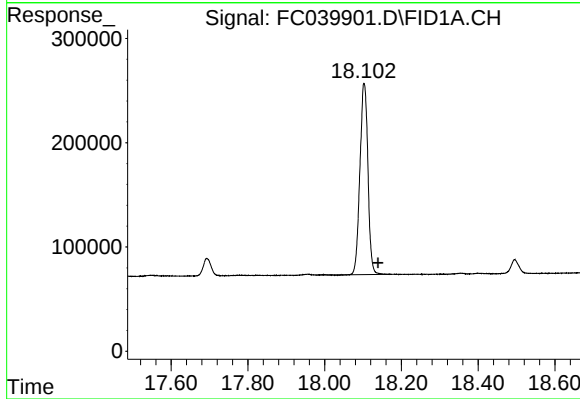
#17 n-Tricontane (C30)

R.T.: 17.276 min
Delta R.T.: -0.036 min
Response: 2792269
Conc: 19.03 ug/ml

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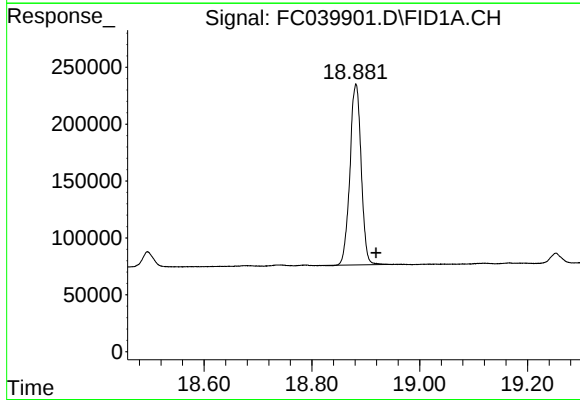
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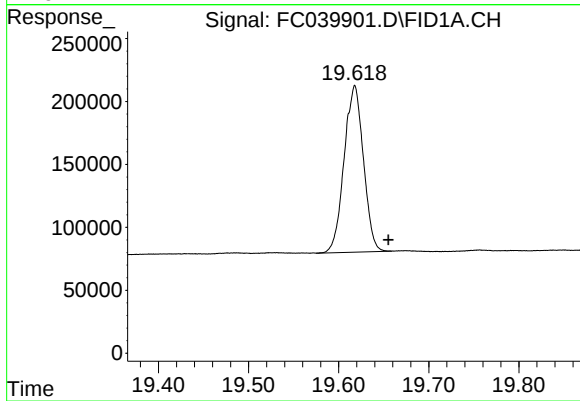
#18 n-Dotriacontane (C32)

R.T.: 18.103 min
Delta R.T.: -0.036 min
Response: 2662906
Conc: 19.82 ug/ml



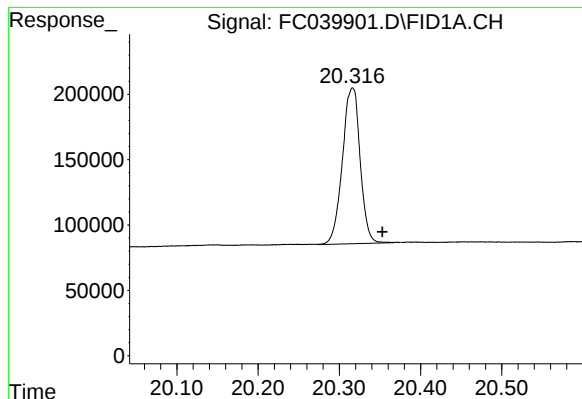
#19 n-Tetratriacontane (C34)

R.T.: 18.881 min
Delta R.T.: -0.037 min
Response: 2301128
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.618 min
Delta R.T.: -0.037 min
Response: 1973472
Conc: 20.46 ug/ml m



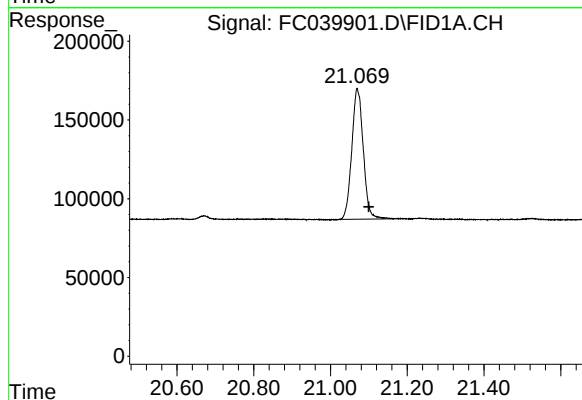
#21 n-Octatriacontane (C38)

R.T.: 20.316 min
Delta R.T.: -0.037 min
Response: 1808584
Conc: 19.70 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.070 min
Delta R.T.: -0.030 min
Response: 1715392
Conc: 18.90 ug/ml