

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101119AL\
 Data File : FC043913.D
 Signal(s) : FID1A.CH
 Acq On : 11 Oct 2019 19:22
 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 3:02:04 PM

Integration File: autoint1.e
 Quant Time: Oct 12 00:06:51 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)	11.567	2905450	19.142 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
12) S 1-chlorooctadecane (S...	12.986	2212388	18.660 ug/ml
Spiked Amount 50.000		Recovery =	37.32%
Target Compounds			
1) T n-Nonane (C9)	3.422	2639839	21.834 ug/ml
2) T n-Decane (C10)	4.474	2679819	22.140 ug/ml
3) T A~Naphthalene (C11.7)	6.055	2583296	21.942 ug/ml
4) T n-Dodecane (C12)	6.466	2825705	22.341 ug/ml
5) T A~2-methylnaphthalene...	7.099	2543432	21.107 ug/ml
6) T n-Tetradecane (C14)	8.239	2840761	22.069 ug/ml
7) T n-Hexadecane (C16)	9.821	2829151	21.486 ug/ml
8) T n-Octadecane (C18)	11.247	2787408	20.437 ug/ml
10) T n-Eicosane (C20)	12.544	2709063	19.409 ug/ml
11) T n-Heneicosane (C21)	13.151	2679166	18.852 ug/ml
13) T n-Docosane (C22)	13.732	2605274	18.336 ug/ml
14) T n-Tetracosane (C24)	14.826	2509263	17.479 ug/ml
15) T n-Hexacosane (C26)	15.841	2421207	16.932 ug/ml
16) T n-Octacosane (C28)	16.784	2375618	16.758 ug/ml
17) T n-Tricontane (C30)	17.665	2394424	17.073 ug/ml
18) T n-Dotriacontane (C32)	18.493	2336732	17.591 ug/ml
19) T n-Tetratriacontane (C34)	19.272	2304037	18.441 ug/ml
20) T n-Hexatriacontane (C36)	20.007	2239169	19.373 ug/mlm
21) T n-Octatriacontane (C38)	20.729	2137795	20.086 ug/ml
22) T n-Tetracontane (C40)	21.605	2179423	20.844 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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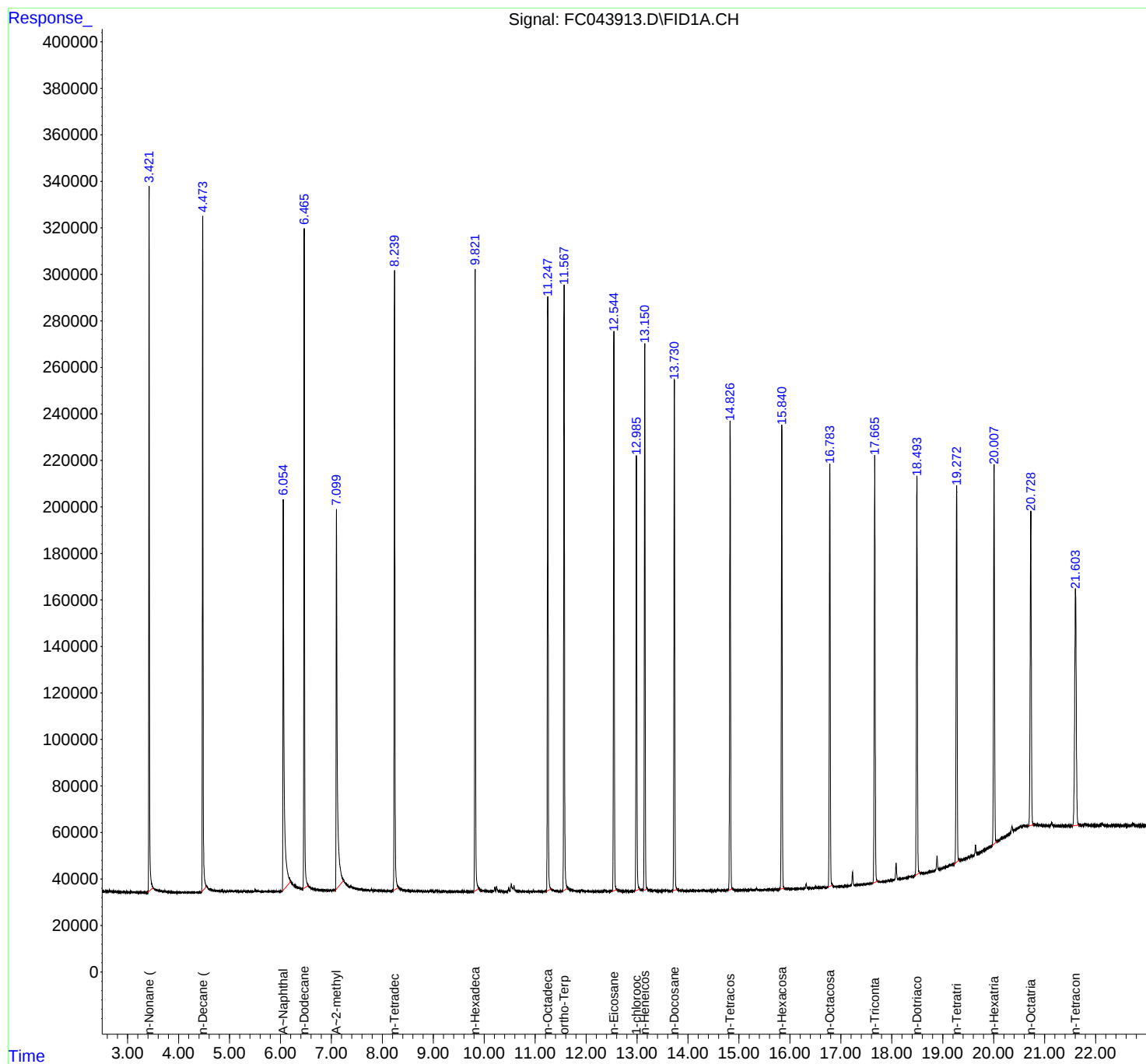
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

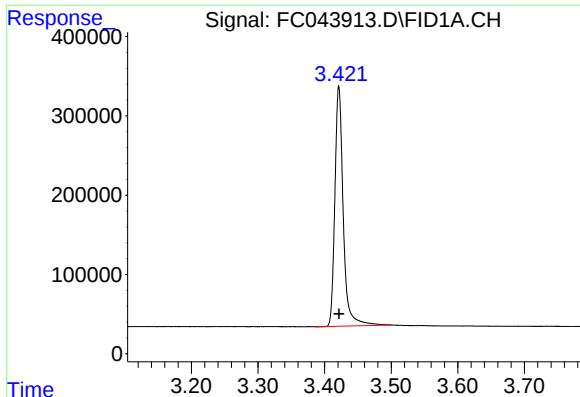
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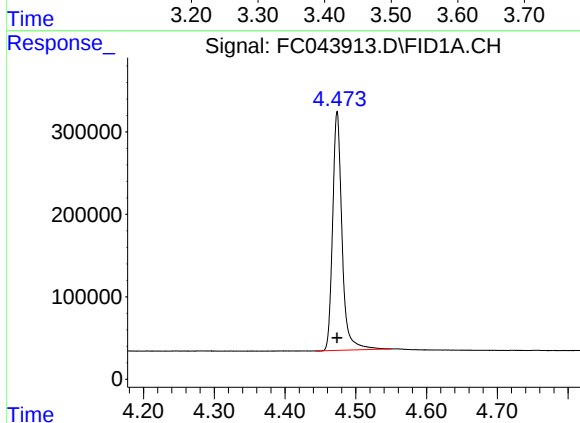
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: 0.000 min
Response: 2639839
Conc: 21.83 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

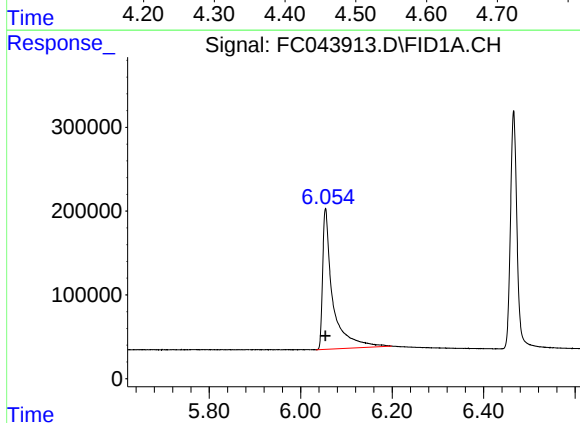
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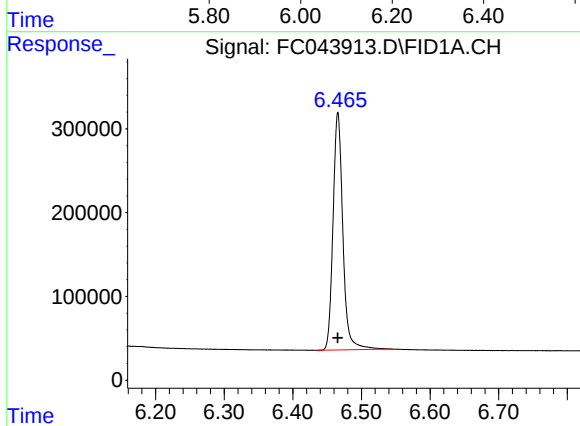
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 2679819
Conc: 22.14 ug/ml



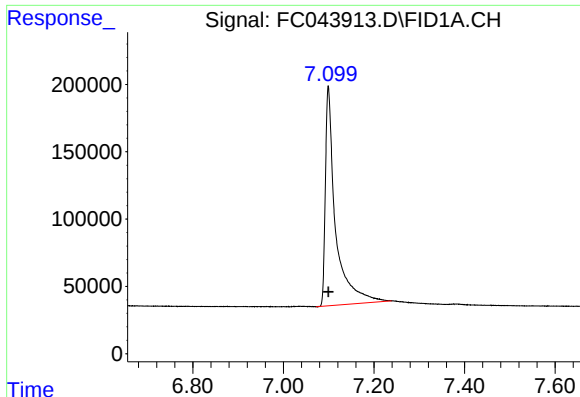
#3 A~Naphthalene (C11.7)

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 2583296
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 2825705
Conc: 22.34 ug/ml



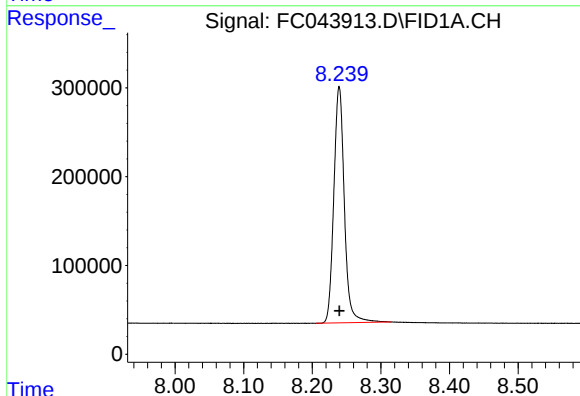
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 2543432
Conc: 21.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

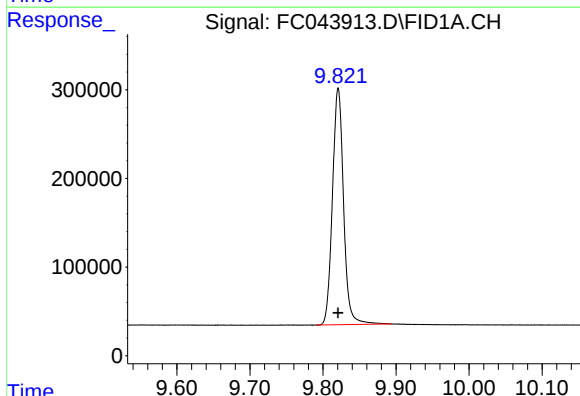
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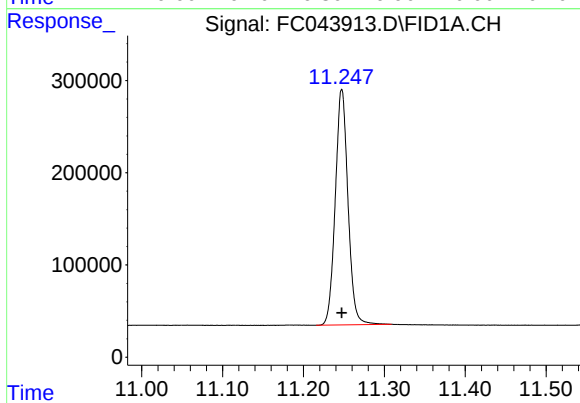
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 2840761
Conc: 22.07 ug/ml



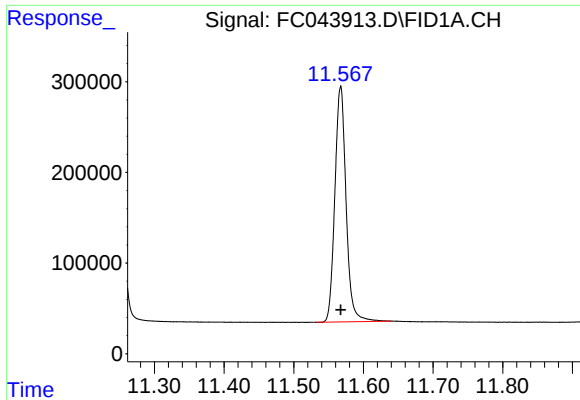
#7 n-Hexadecane (C16)

R.T.: 9.821 min
Delta R.T.: 0.000 min
Response: 2829151
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.247 min
Delta R.T.: 0.000 min
Response: 2787408
Conc: 20.44 ug/ml



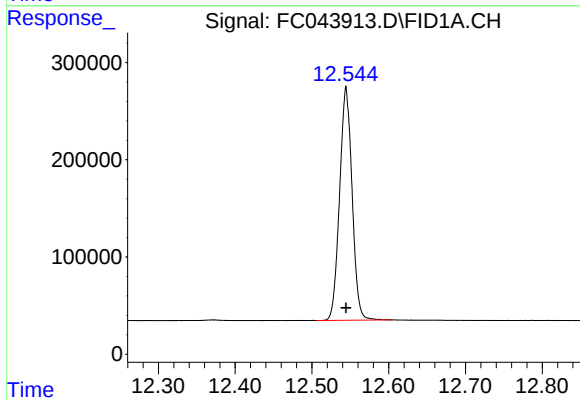
#9 ortho-Terphenyl (SURR)

R.T.: 11.567 min
Delta R.T.: 0.000 min
Response: 2905450
Conc: 19.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

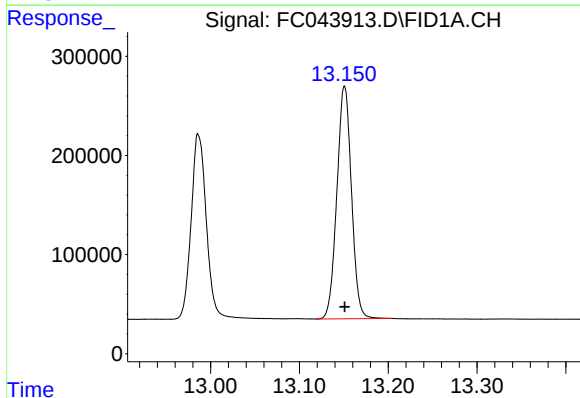
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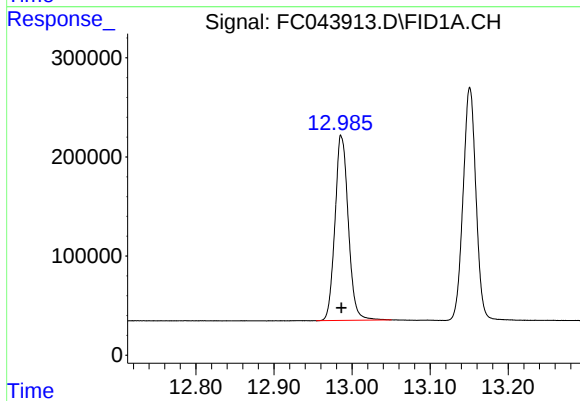
#10 n-Eicosane (C20)

R.T.: 12.544 min
Delta R.T.: 0.000 min
Response: 2709063
Conc: 19.41 ug/ml



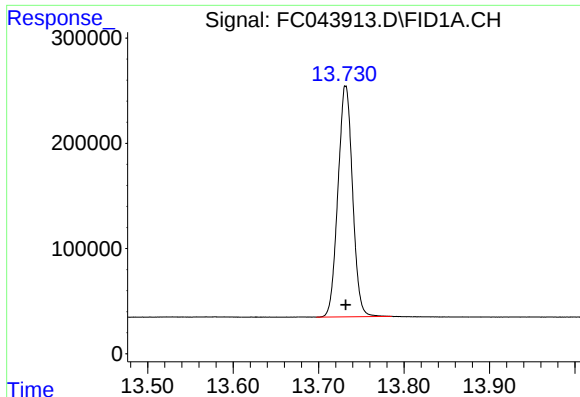
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: 0.000 min
Response: 2679166
Conc: 18.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.986 min
Delta R.T.: 0.000 min
Response: 2212388
Conc: 18.66 ug/ml



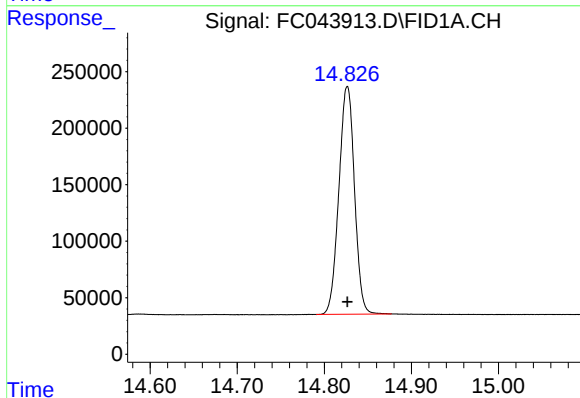
#13 n-Docosane (C22)

R.T.: 13.732 min
Delta R.T.: 0.000 min
Response: 2605274
Conc: 18.34 ug/ml

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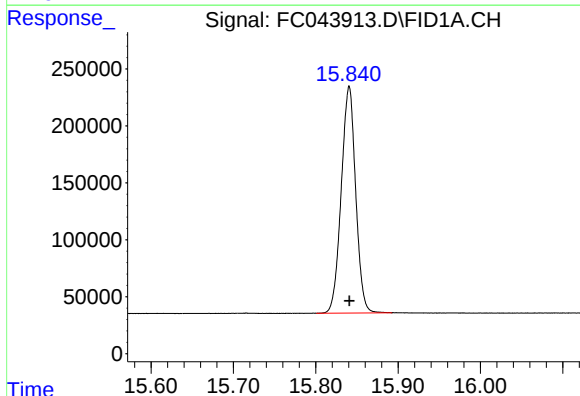
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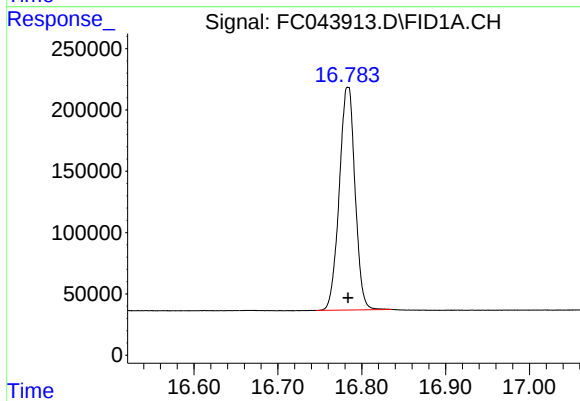
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: 0.000 min
Response: 2509263
Conc: 17.48 ug/ml



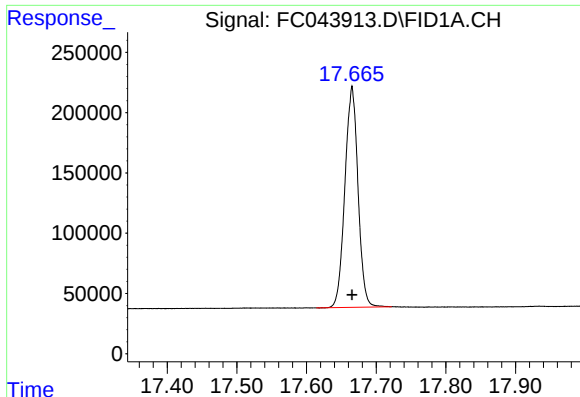
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.000 min
Response: 2421207
Conc: 16.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.784 min
Delta R.T.: 0.000 min
Response: 2375618
Conc: 16.76 ug/ml



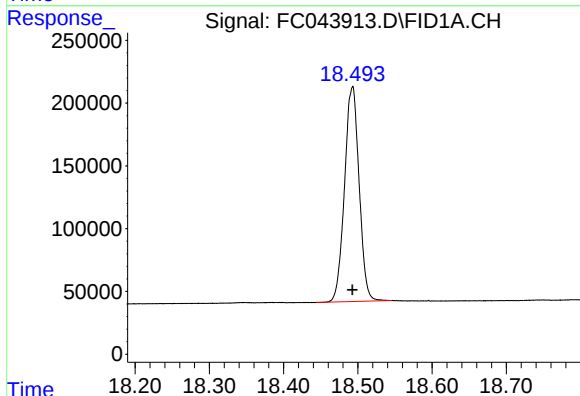
#17 n-Tricontane (C30)

R.T.: 17.665 min
Delta R.T.: 0.000 min
Response: 2394424
Conc: 17.07 ug/ml

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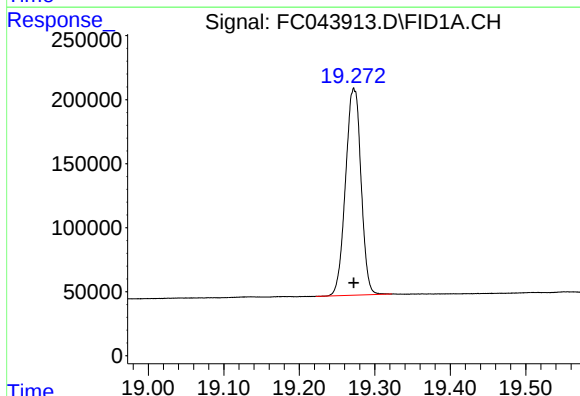
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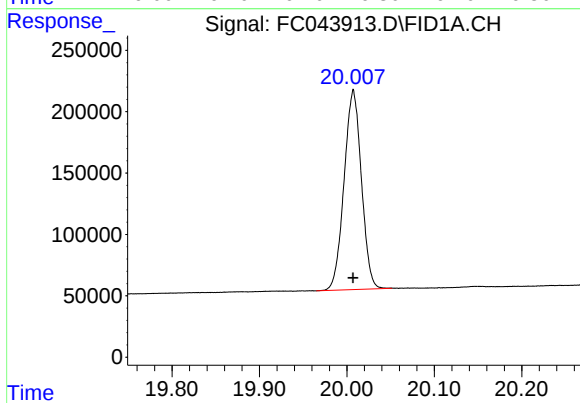
#18 n-Dotriacontane (C32)

R.T.: 18.493 min
Delta R.T.: 0.000 min
Response: 2336732
Conc: 17.59 ug/ml



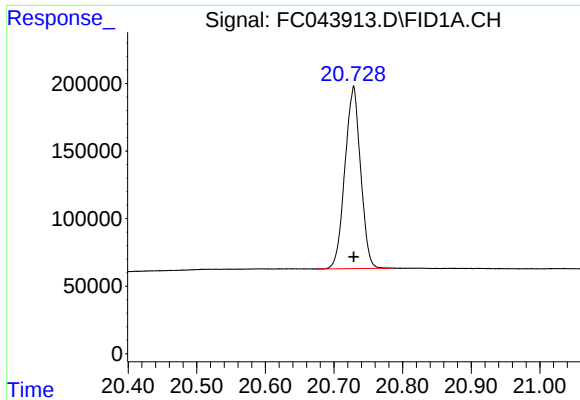
#19 n-Tetratriacontane (C34)

R.T.: 19.272 min
Delta R.T.: 0.000 min
Response: 2304037
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.007 min
Delta R.T.: 0.000 min
Response: 2239169
Conc: 19.37 ug/ml m



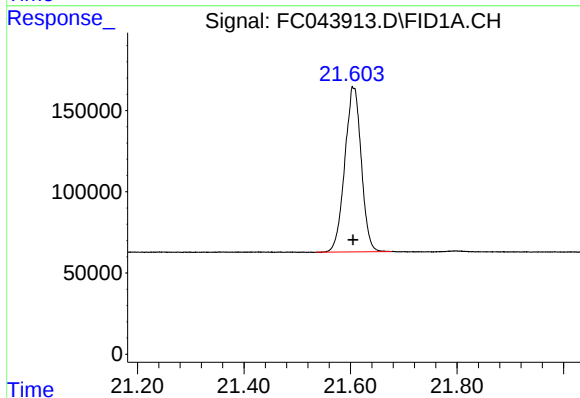
#21 n-Octatriacontane (C38)

R.T.: 20.729 min
Delta R.T.: 0.000 min
Response: 2137795
Conc: 20.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.000 min
Response: 2179423
Conc: 20.84 ug/ml