

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102920AL\
 Data File : FC050445.D
 Signal(s) : FID1A.CH
 Acq On : 30 Oct 2020 3:24
 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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 10/30/2020 3:56:55 PM

Integration File: autoint1.e
 Quant Time: Oct 30 03:54:30 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 2020
 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)	11.623	2200079	19.628 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.057	1692297	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T n-Nonane (C9)	3.369	2134957	21.544 ug/ml
2) T n-Decane (C10)	4.440	2156775	21.663 ug/ml
3) T A~Naphthalene (C11.7)	6.034	2323895	21.085 ug/ml
4) T n-Dodecane (C12)	6.462	2161608	21.423 ug/ml
5) T A~2-methylnaphthalene...	7.092	2325203	20.890 ug/ml
6) T n-Tetradecane (C14)	8.258	2124617	21.208 ug/ml
7) T n-Hexadecane (C16)	9.860	2064343	20.946 ug/ml
8) T n-Octadecane (C18)	11.302	2115389	20.483 ug/ml
10) T n-Eicosane (C20)	12.612	2077761	19.968 ug/ml
11) T n-Heneicosane (C21)	13.223	2046738	19.696 ug/ml
13) T n-Docosane (C22)	13.810	2024708	19.505 ug/ml
14) T n-Tetracosane (C24)	14.912	1991441	19.173 ug/ml
15) T n-Hexacosane (C26)	15.931	1935590	18.784 ug/ml
16) T n-Octacosane (C28)	16.881	1936473	18.711 ug/ml
17) T n-Tricontane (C30)	17.768	1917122	18.786 ug/ml
18) T n-Dotriacontane (C32)	18.599	1832436	19.075 ug/mlm
19) T n-Tetratriacontane (C34)	19.381	1744493	19.019 ug/mlm
20) T n-Hexatriacontane (C36)	20.123	1686168	19.036 ug/mlm
21) T n-Octatriacontane (C38)	20.865	1577452	19.130 ug/ml
22) T n-Tetracontane (C40)	21.797	1661381	19.868 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

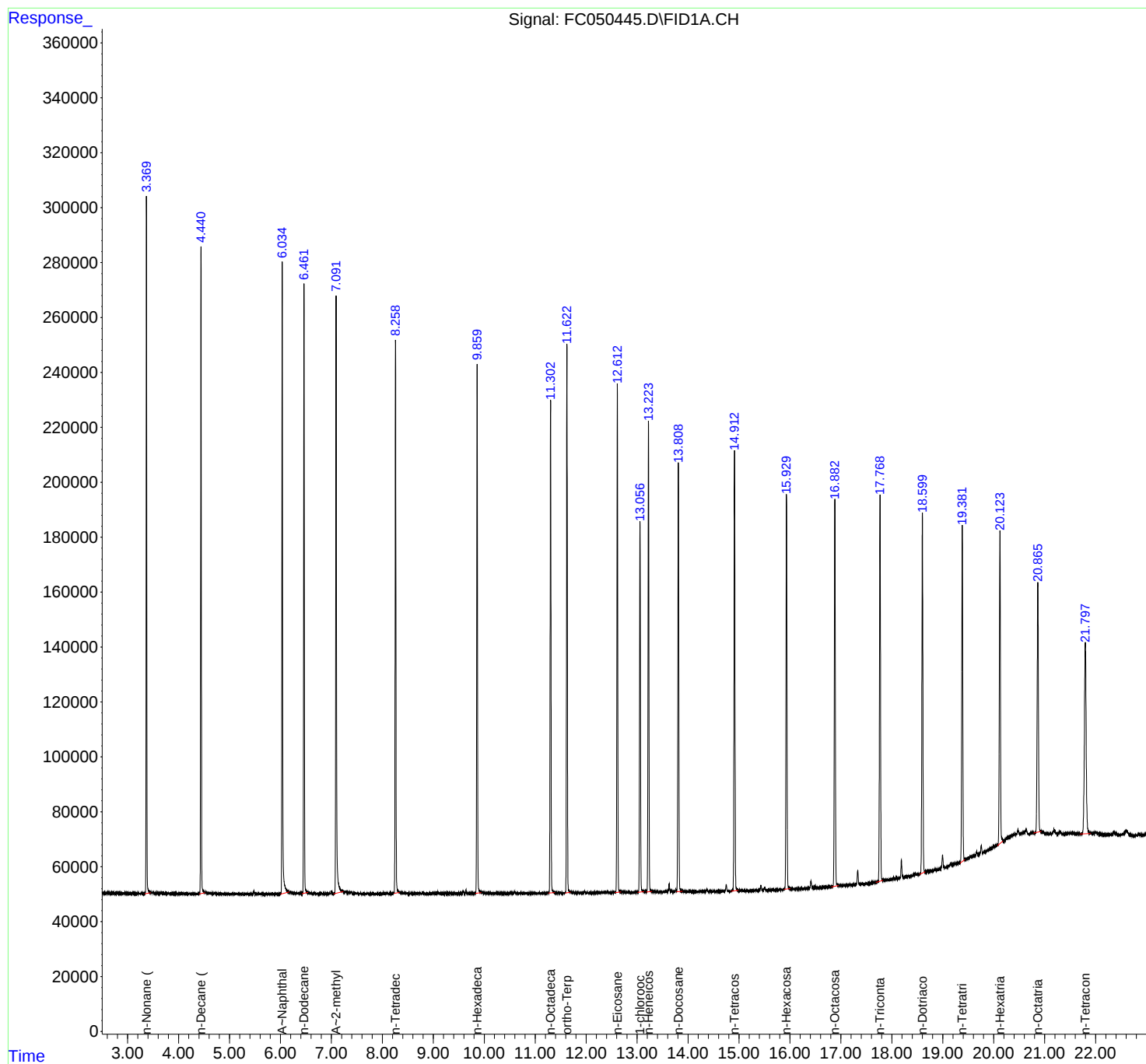
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

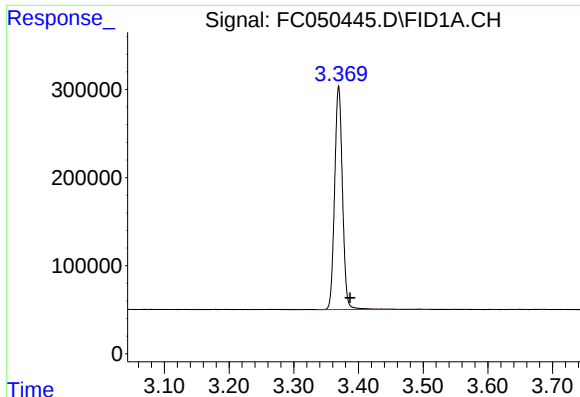
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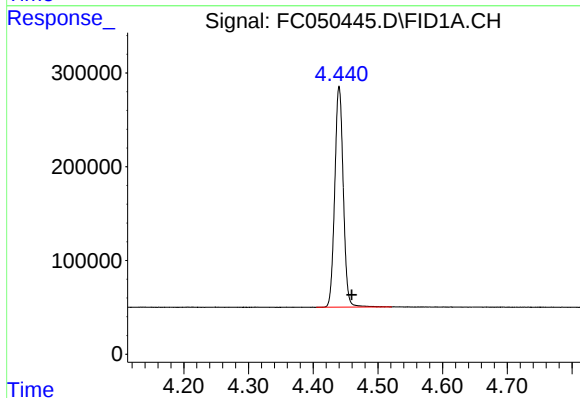
#1 n-Nonane (C9)

R.T.: 3.369 min
Delta R.T.: -0.018 min
Response: 2134957
Conc: 21.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

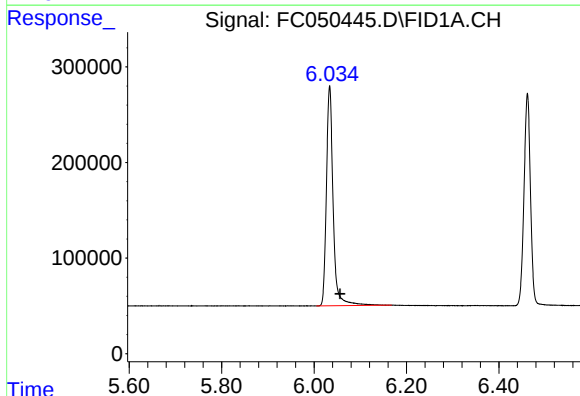
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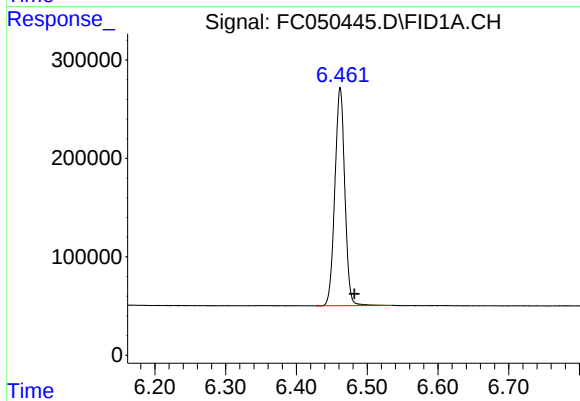
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.020 min
Response: 2156775
Conc: 21.66 ug/ml



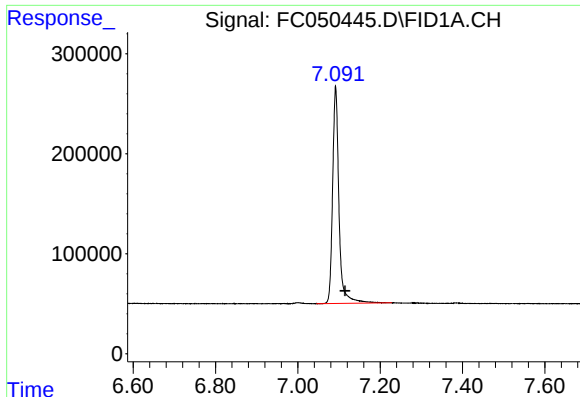
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.022 min
Response: 2323895
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.462 min
Delta R.T.: -0.020 min
Response: 2161608
Conc: 21.42 ug/ml



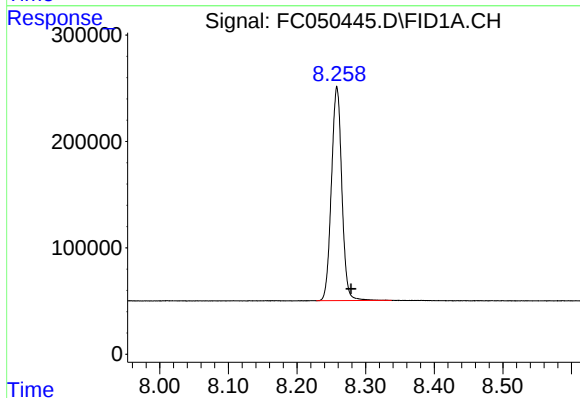
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.092 min
Delta R.T.: -0.022 min
Response: 2325203
Conc: 20.89 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

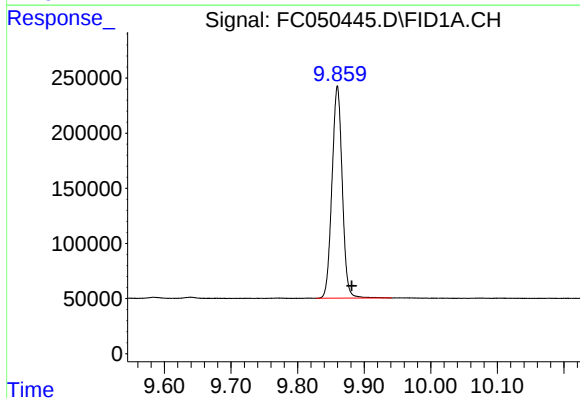
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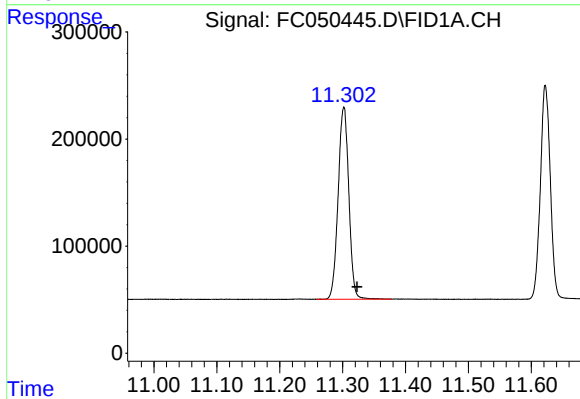
#6 n-Tetradecane (C14)

R.T.: 8.258 min
Delta R.T.: -0.021 min
Response: 2124617
Conc: 21.21 ug/ml



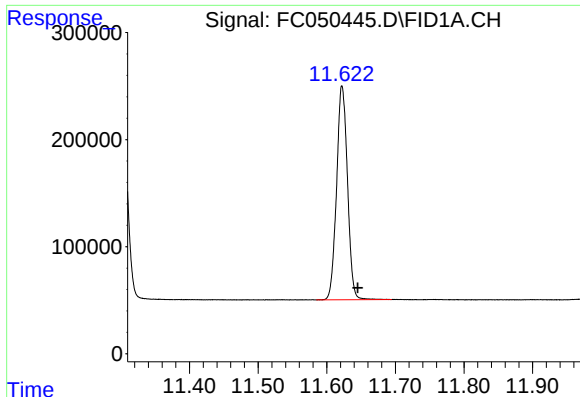
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.022 min
Response: 2064343
Conc: 20.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.021 min
Response: 2115389
Conc: 20.48 ug/ml



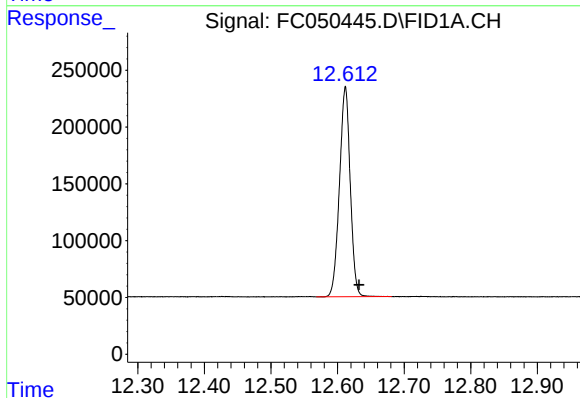
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.023 min
Response: 220079
Conc: 19.63 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

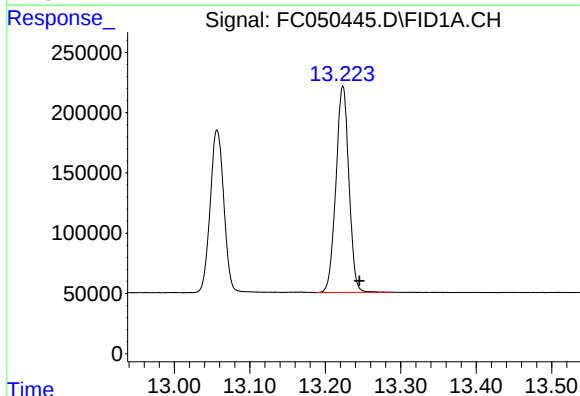
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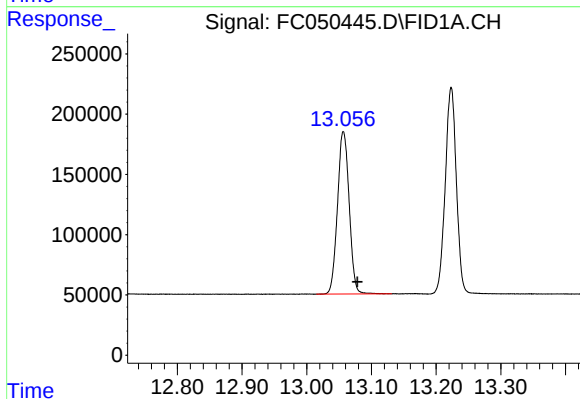
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.021 min
Response: 2077761
Conc: 19.97 ug/ml



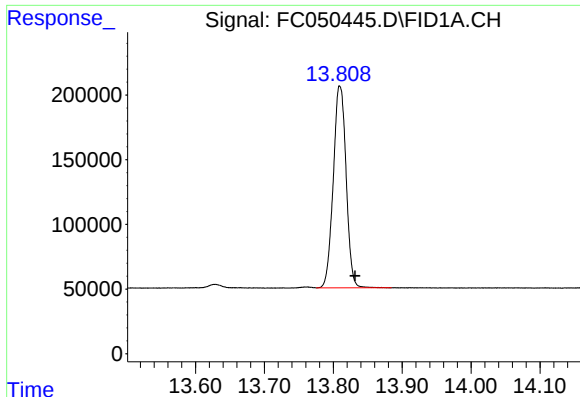
#11 n-Heneicosane (C21)

R.T.: 13.223 min
Delta R.T.: -0.022 min
Response: 2046738
Conc: 19.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.057 min
Delta R.T.: -0.022 min
Response: 1692297
Conc: 19.54 ug/ml



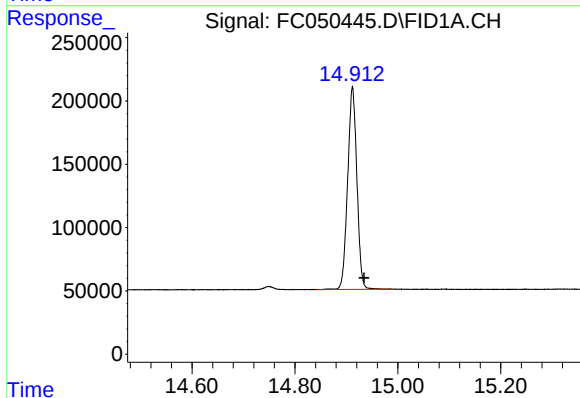
#13 n-Docosane (C22)

R.T.: 13.810 min
Delta R.T.: -0.022 min
Response: 2024708
Conc: 19.50 ug/ml

Instrument :
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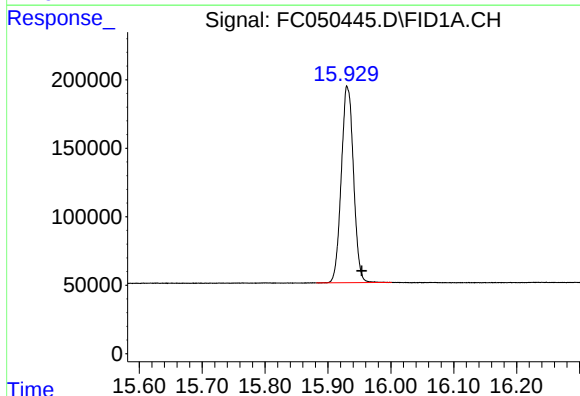
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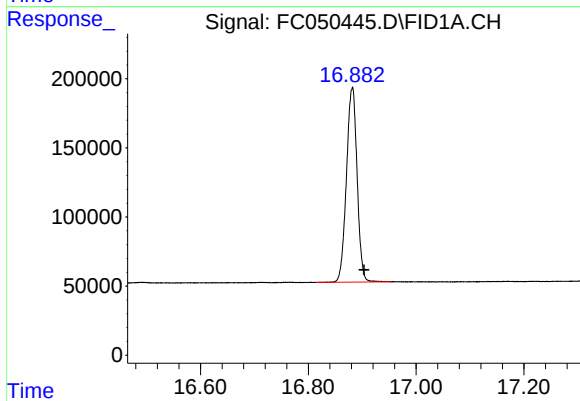
#14 n-Tetracosane (C24)

R.T.: 14.912 min
Delta R.T.: -0.022 min
Response: 1991441
Conc: 19.17 ug/ml



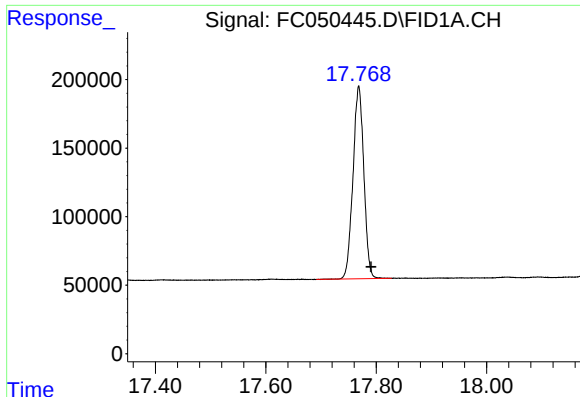
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: -0.023 min
Response: 1935590
Conc: 18.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.022 min
Response: 1936473
Conc: 18.71 ug/ml



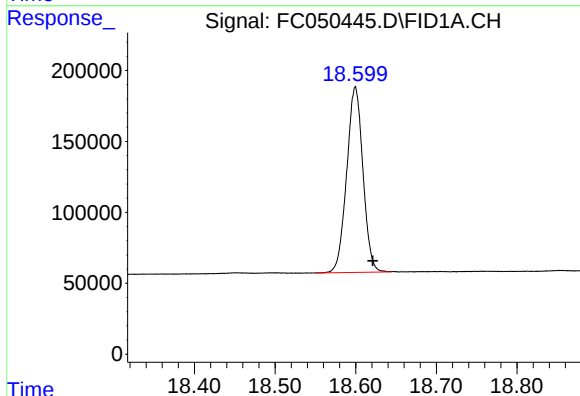
#17 n-Tricontane (C30)

R.T.: 17.768 min
Delta R.T.: -0.023 min
Response: 1917122
Conc: 18.79 ug/ml

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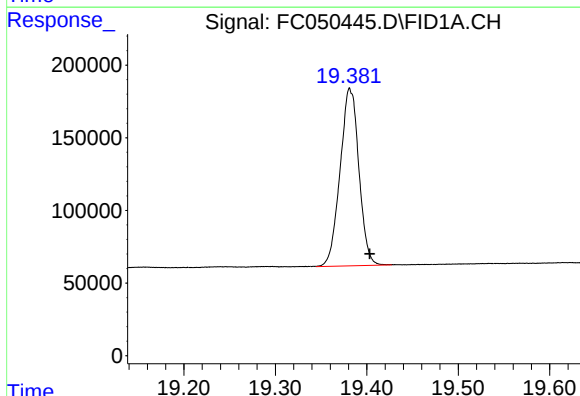
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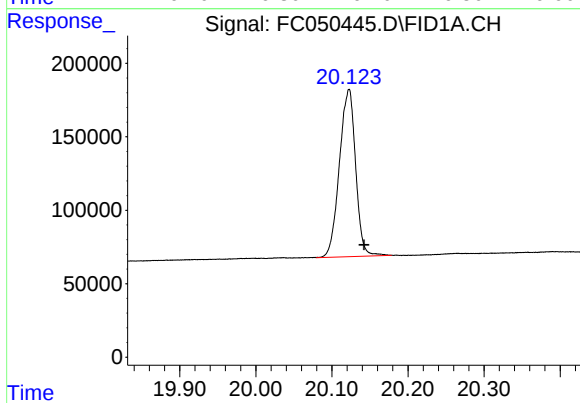
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.021 min
Response: 1832436
Conc: 19.07 ug/ml m



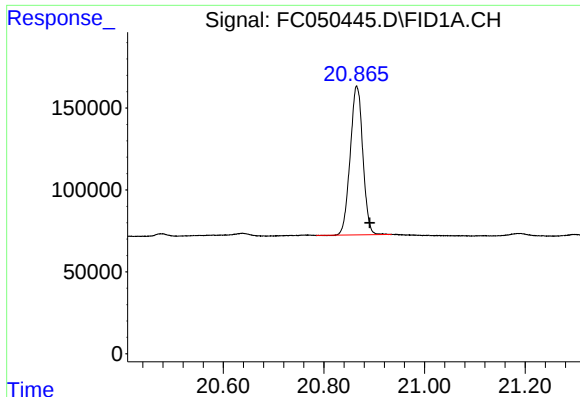
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: -0.022 min
Response: 1744493
Conc: 19.02 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.020 min
Response: 1686168
Conc: 19.04 ug/ml m



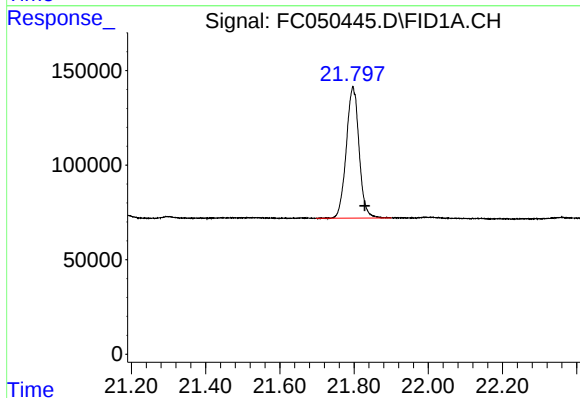
#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.026 min
Response: 1577452
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.032 min
Response: 1661381
Conc: 19.87 ug/ml