

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102320AL\
 Data File : FC050337.D
 Signal(s) : FID1A.CH
 Acq On : 24 Oct 2020 3:08
 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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 10/27/2020 4:34:39 PM

Integration File: autoint1.e
 Quant Time: Oct 24 03:40:21 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)	11.626	2134110	19.039 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	13.059	1641055	18.944 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T n-Nonane (C9)	3.372	2081503	21.004 ug/ml
2) T n-Decane (C10)	4.443	2086453	20.957 ug/ml
3) T A~Naphthalene (C11.7)	6.037	2255052	20.460 ug/ml
4) T n-Dodecane (C12)	6.465	2090294	20.716 ug/ml
5) T A~2-methylnaphthalene...	7.095	2252922	20.241 ug/ml
6) T n-Tetradecane (C14)	8.261	2055827	20.521 ug/ml
7) T n-Hexadecane (C16)	9.863	1994629	20.239 ug/ml
8) T n-Octadecane (C18)	11.306	2045465	19.806 ug/ml
10) T n-Eicosane (C20)	12.614	2005448	19.273 ug/ml
11) T n-Heneicosane (C21)	13.226	1976921	19.024 ug/ml
13) T n-Docosane (C22)	13.812	1951626	18.801 ug/ml
14) T n-Tetracosane (C24)	14.915	1895365	18.248 ug/ml
15) T n-Hexacosane (C26)	15.935	1853262	17.985 ug/ml
16) T n-Octacosane (C28)	16.884	1850740	17.883 ug/ml
17) T n-Tricontane (C30)	17.770	1835207	17.984 ug/ml
18) T n-Dotriacontane (C32)	18.601	1747109	18.186 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1692656	18.454 ug/mlm
20) T n-Hexatriacontane (C36)	20.121	1617979	18.267 ug/mlm
21) T n-Octatriacontane (C38)	20.865	1568516	19.022 ug/mlm
22) T n-Tetracontane (C40)	21.798	1547749	18.509 ug/ml

(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

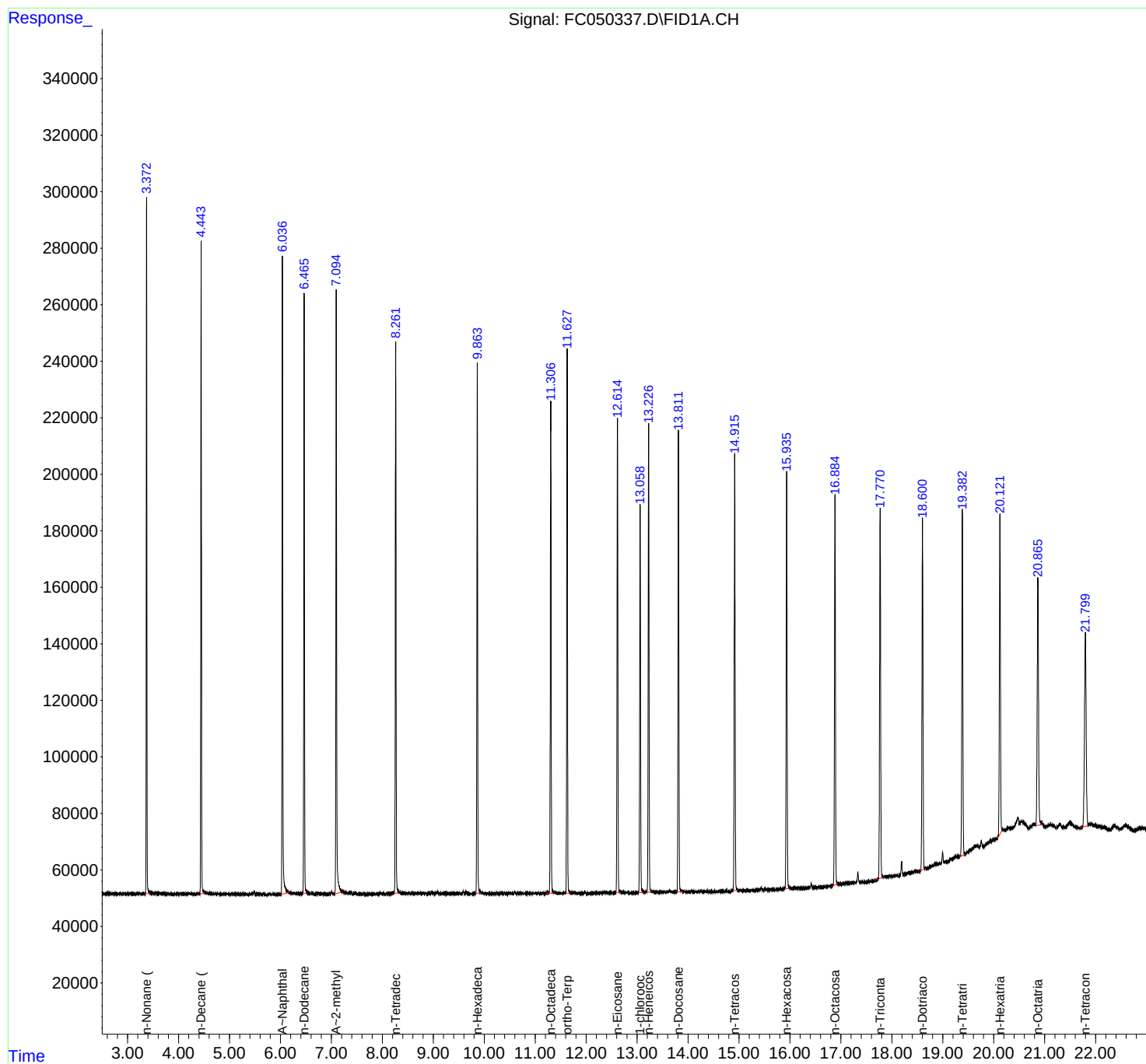
Instrument :
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20 PPM ALIPHATIC HC STD

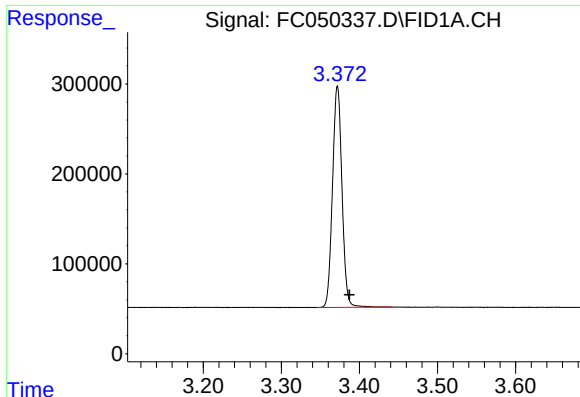
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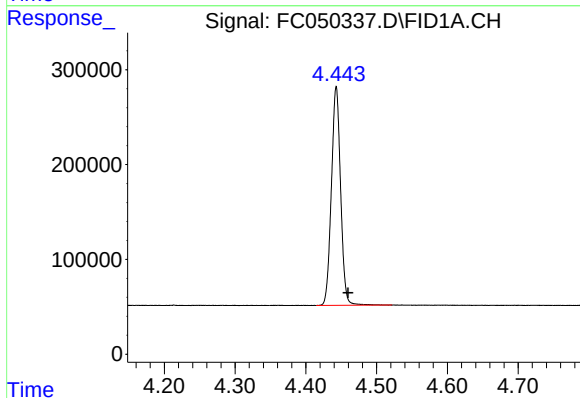
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.015 min
Response: 2081503
Conc: 21.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

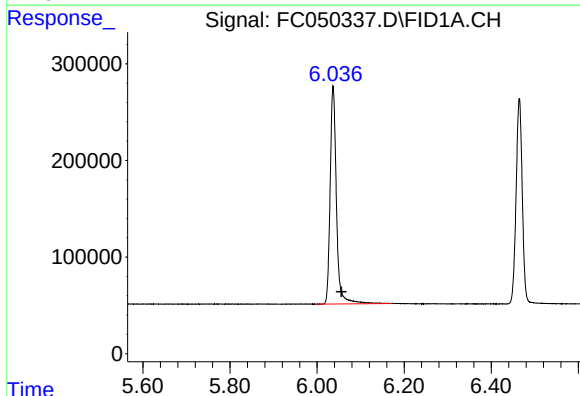
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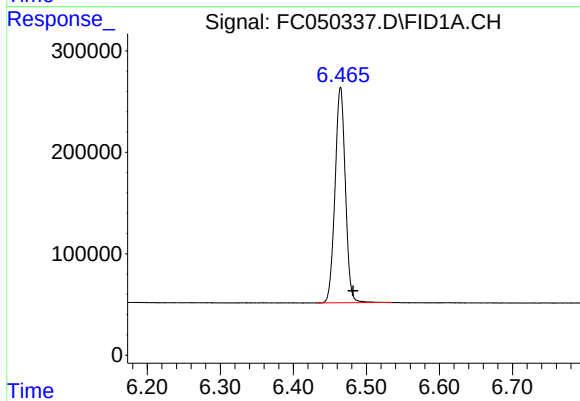
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.017 min
Response: 2086453
Conc: 20.96 ug/ml



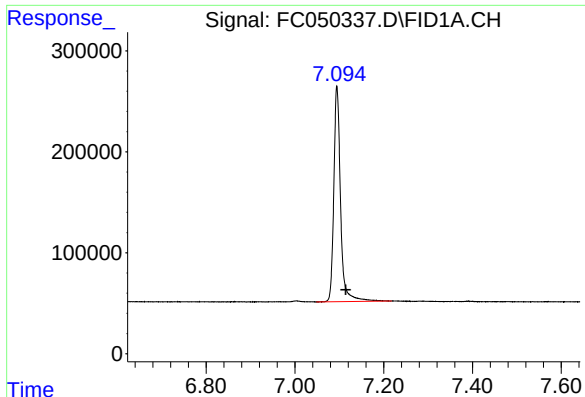
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.019 min
Response: 2255052
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.017 min
Response: 2090294
Conc: 20.72 ug/ml



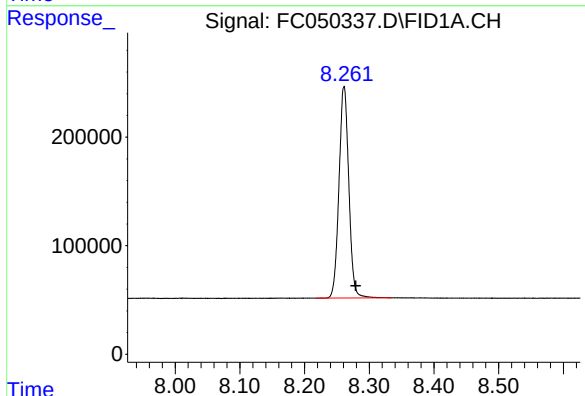
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.019 min
Response: 2252922
Conc: 20.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

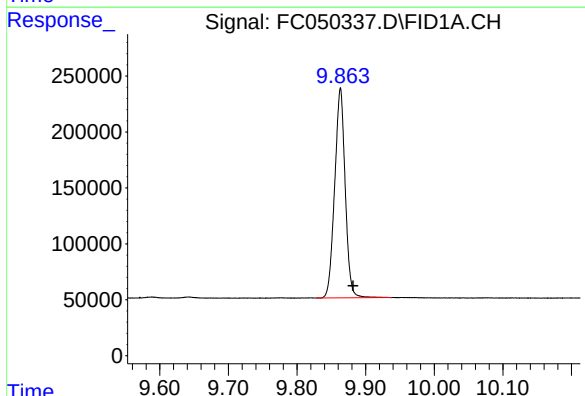
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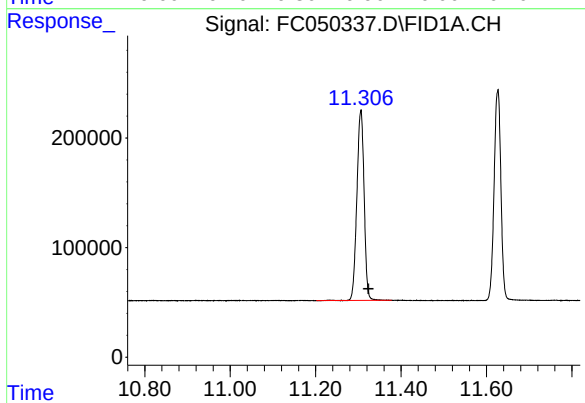
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 2055827
Conc: 20.52 ug/ml



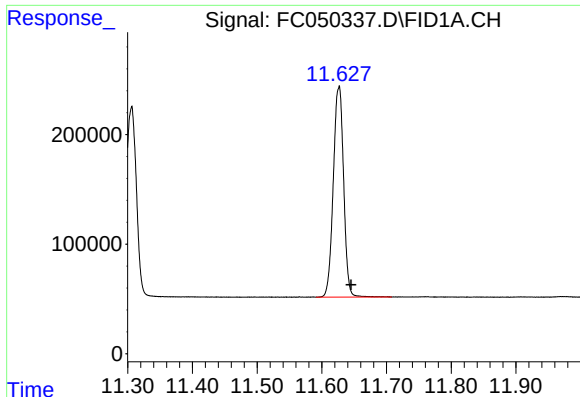
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.018 min
Response: 1994629
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.018 min
Response: 2045465
Conc: 19.81 ug/ml



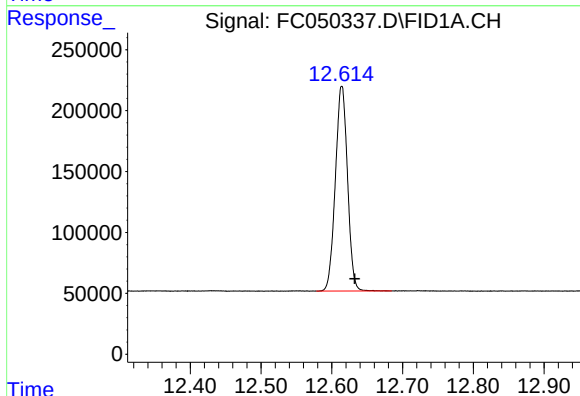
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.019 min
Response: 2134110
Conc: 19.04 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

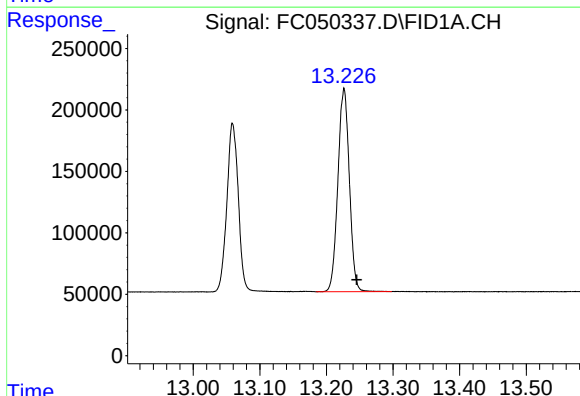
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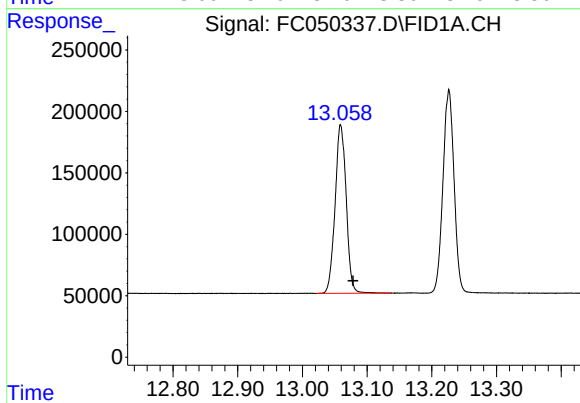
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: -0.018 min
Response: 2005448
Conc: 19.27 ug/ml



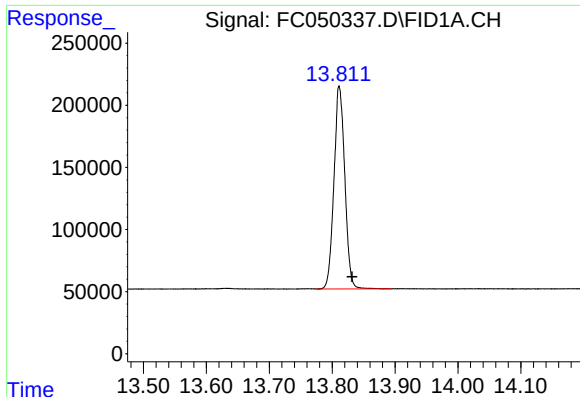
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.019 min
Response: 1976921
Conc: 19.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.059 min
Delta R.T.: -0.019 min
Response: 1641055
Conc: 18.94 ug/ml



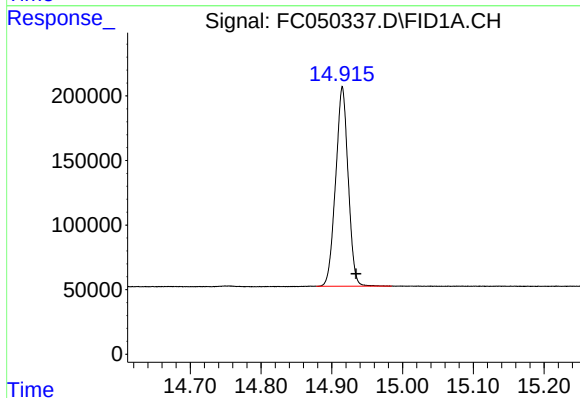
#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.020 min
Response: 1951626
Conc: 18.80 ug/ml

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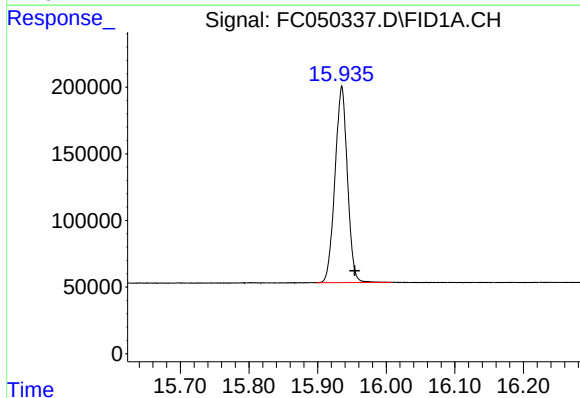
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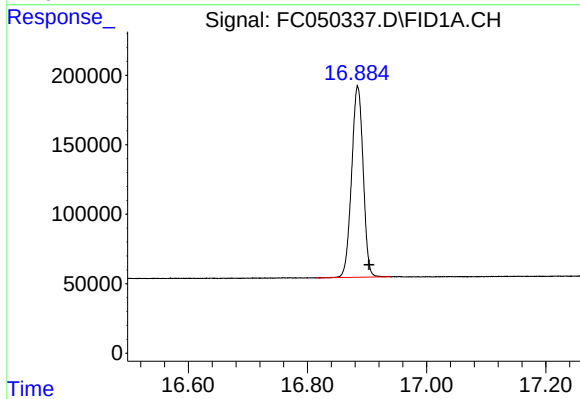
#14 n-Tetracosane (C24)

R.T.: 14.915 min
Delta R.T.: -0.019 min
Response: 1895365
Conc: 18.25 ug/ml



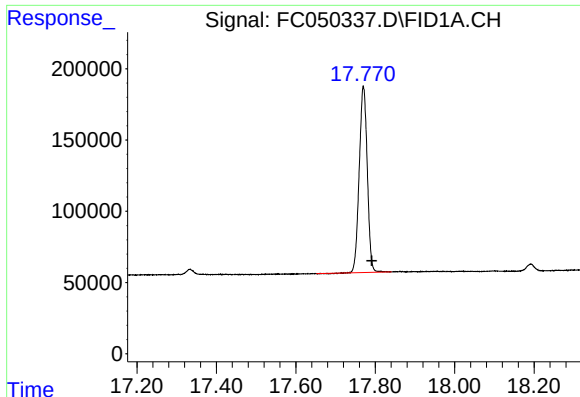
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.019 min
Response: 1853262
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.884 min
Delta R.T.: -0.019 min
Response: 1850740
Conc: 17.88 ug/ml



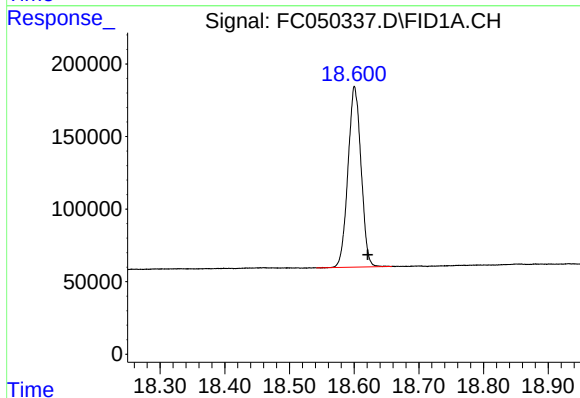
#17 n-Tricontane (C30)

R.T.: 17.770 min
Delta R.T.: -0.021 min
Response: 1835207
Conc: 17.98 ug/ml

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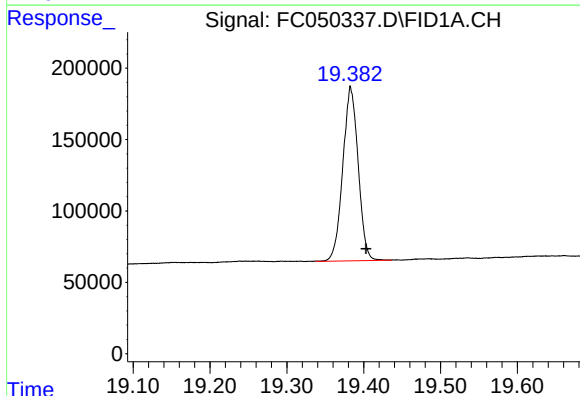
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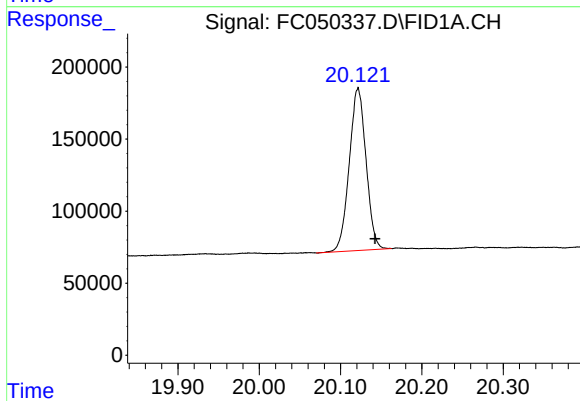
#18 n-Dotriacontane (C32)

R.T.: 18.601 min
Delta R.T.: -0.020 min
Response: 1747109
Conc: 18.19 ug/ml



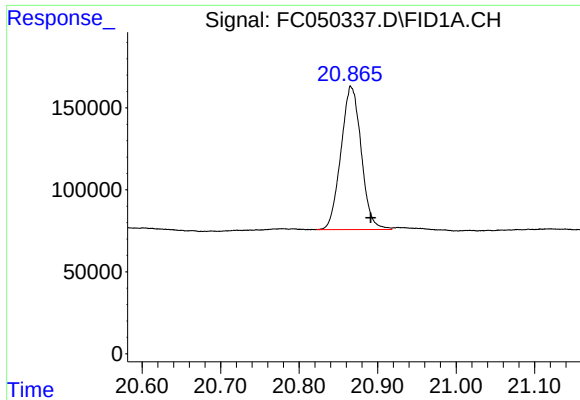
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.021 min
Response: 1692656
Conc: 18.45 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.121 min
Delta R.T.: -0.021 min
Response: 1617979
Conc: 18.27 ug/ml m



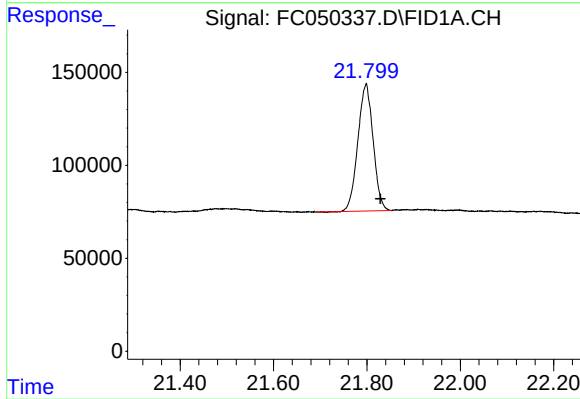
#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.026 min
Response: 1568516
Conc: 19.02 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.798 min
Delta R.T.: -0.031 min
Response: 1547749
Conc: 18.51 ug/ml