

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102720AL\
 Data File : FC050360.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2020 22:27
 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

Ankita
 10/28/2020 3:42:49 PM

Integration File: autoint1.e
 Quant Time: Oct 28 02:26:10 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	1960625	17.491 ug/ml
Spiked Amount 50.000		Recovery =	34.98%
12) S 1-chlorooctadecane (S...	13.059	1510412	17.436 ug/ml
Spiked Amount 50.000		Recovery =	34.87%
Target Compounds			
1) T n-Nonane (C9)	3.372	1915294	19.327 ug/ml
2) T n-Decane (C10)	4.443	1927239	19.357 ug/ml
3) T A~Naphthalene (C11.7)	6.037	2071610	18.796 ug/ml
4) T n-Dodecane (C12)	6.464	1932947	19.157 ug/ml
5) T A~2-methylnaphthalene...	7.095	2068025	18.580 ug/ml
6) T n-Tetradecane (C14)	8.261	1898971	18.955 ug/ml
7) T n-Hexadecane (C16)	9.862	1835159	18.620 ug/ml
8) T n-Octadecane (C18)	11.304	1877086	18.176 ug/ml
10) T n-Eicosane (C20)	12.614	1844832	17.729 ug/ml
11) T n-Heneicosane (C21)	13.225	1815642	17.472 ug/ml
13) T n-Docosane (C22)	13.811	1797545	17.317 ug/ml
14) T n-Tetracosane (C24)	14.914	1751092	16.859 ug/ml
15) T n-Hexacosane (C26)	15.935	1716758	16.660 ug/ml
16) T n-Octacosane (C28)	16.882	1708926	16.512 ug/ml
17) T n-Tricontane (C30)	17.769	1684274	16.505 ug/ml
18) T n-Dotriacontane (C32)	18.600	1628515	16.952 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1651443	18.004 ug/mlm
20) T n-Hexatriacontane (C36)	20.120	1490590	16.828 ug/mlm
21) T n-Octatriacontane (C38)	20.868	1421253	17.236 ug/mlm
22) T n-Tetracontane (C40)	21.797	1505338	18.002 ug/mlm

(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

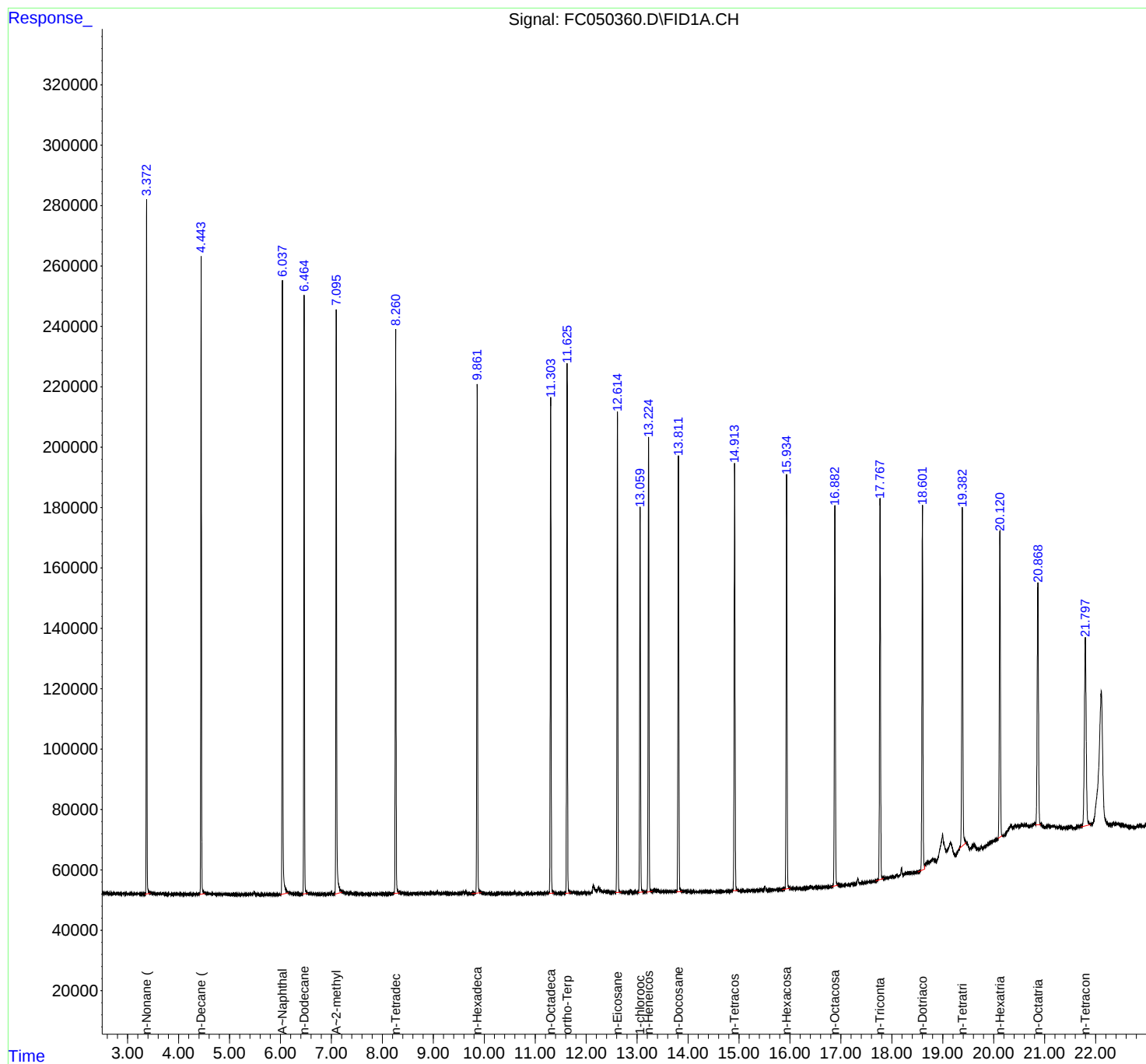
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

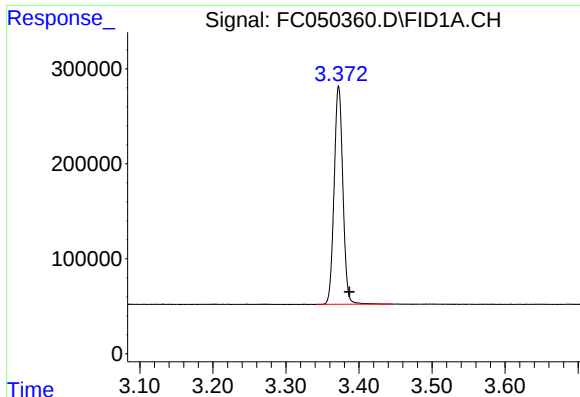
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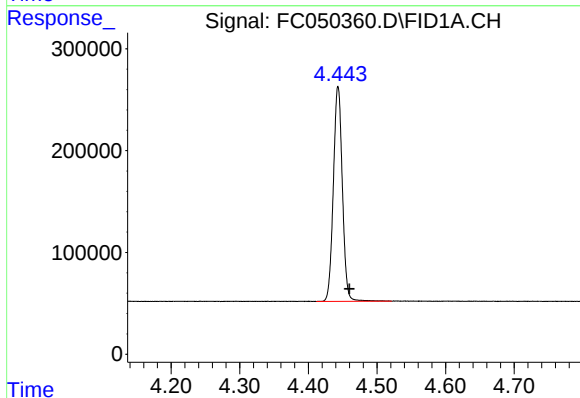
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.015 min
Response: 1915294
Conc: 19.33 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

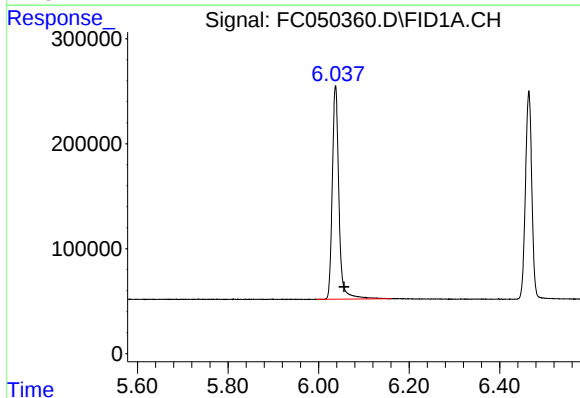
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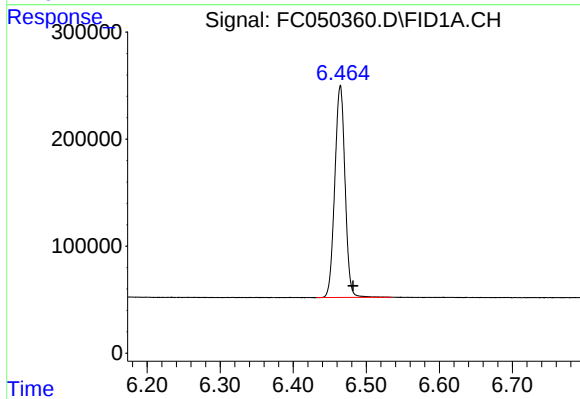
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: -0.016 min
Response: 1927239
Conc: 19.36 ug/ml



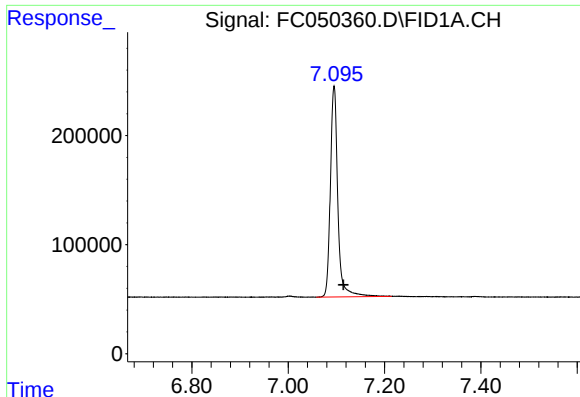
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.019 min
Response: 2071610
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.018 min
Response: 1932947
Conc: 19.16 ug/ml



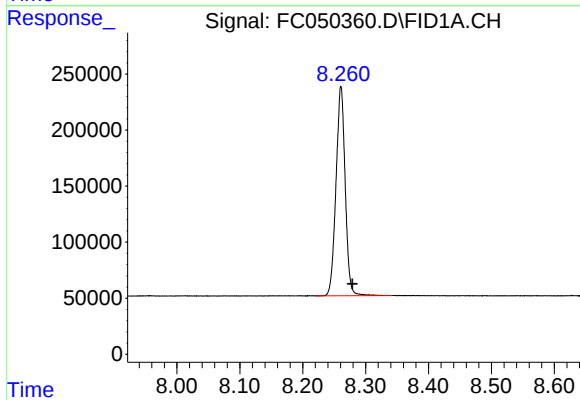
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.095 min
Delta R.T.: -0.019 min
Response: 2068025
Conc: 18.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

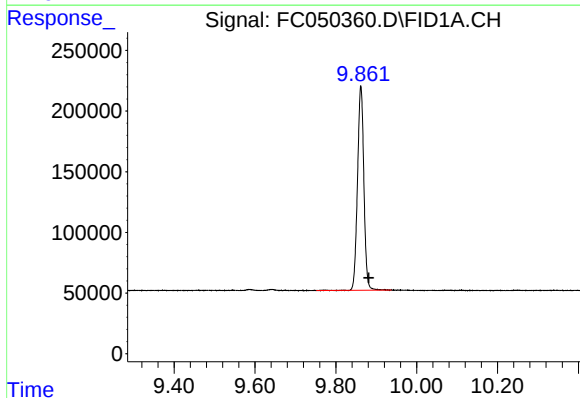
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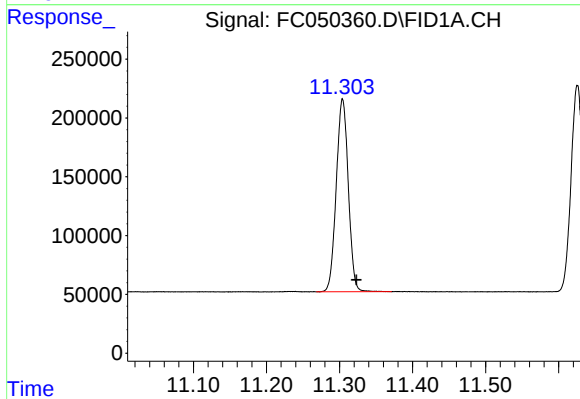
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.018 min
Response: 1898971
Conc: 18.96 ug/ml



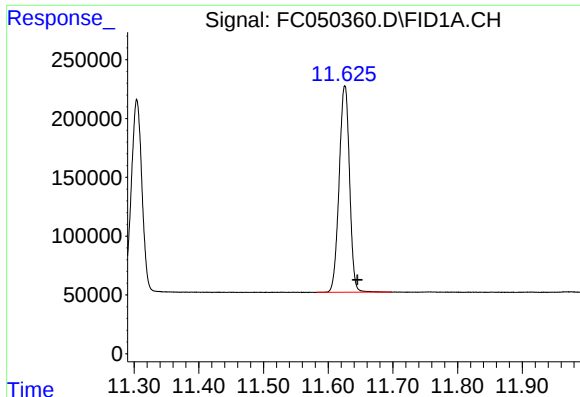
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.020 min
Response: 1835159
Conc: 18.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.019 min
Response: 1877086
Conc: 18.18 ug/ml



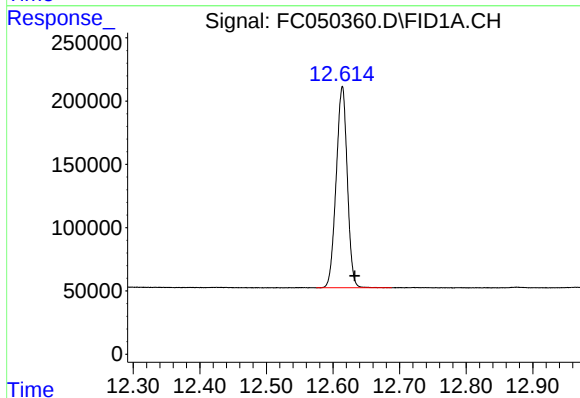
#9 ortho-Terphenyl (SURR)

R.T.: 11.626 min
Delta R.T.: -0.019 min
Response: 1960625
Conc: 17.49 ug/ml

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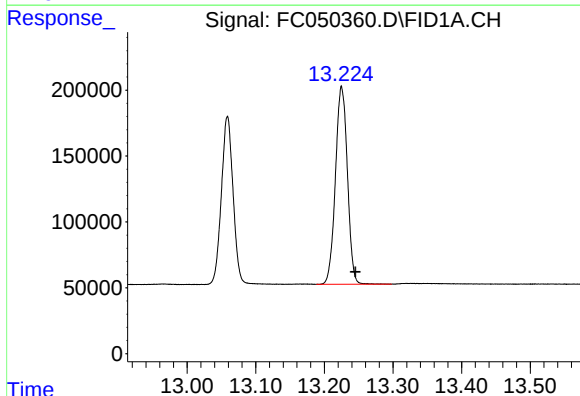
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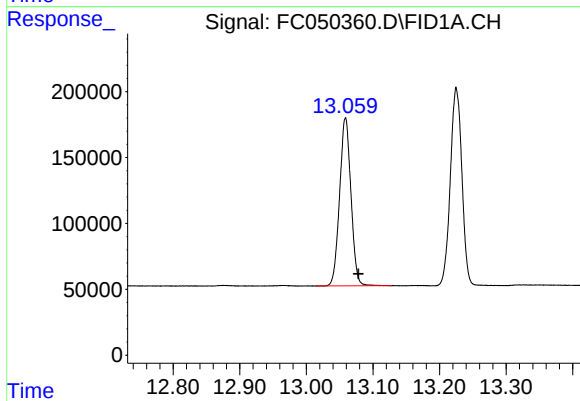
#10 n-Eicosane (C20)

R.T.: 12.614 min
Delta R.T.: -0.019 min
Response: 1844832
Conc: 17.73 ug/ml



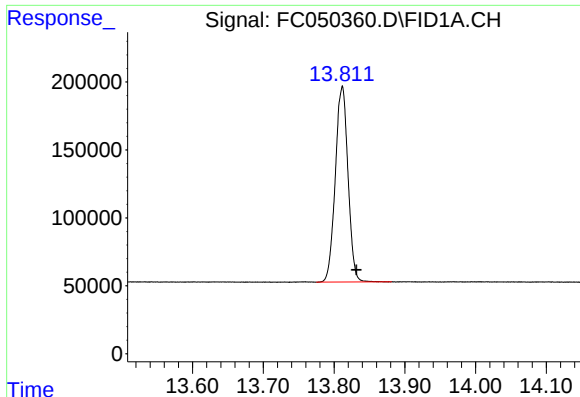
#11 n-Heneicosane (C21)

R.T.: 13.225 min
Delta R.T.: -0.020 min
Response: 1815642
Conc: 17.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.059 min
Delta R.T.: -0.020 min
Response: 1510412
Conc: 17.44 ug/ml



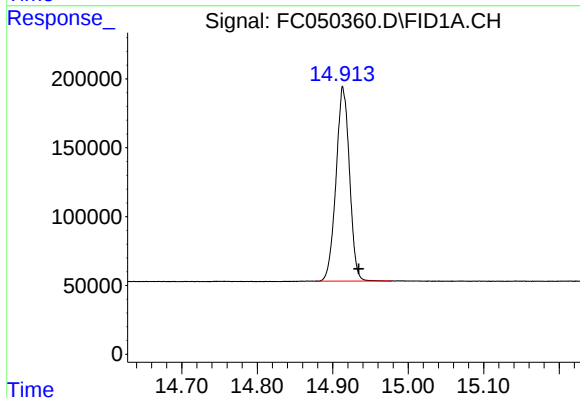
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.020 min
Response: 1797545
Conc: 17.32 ug/ml

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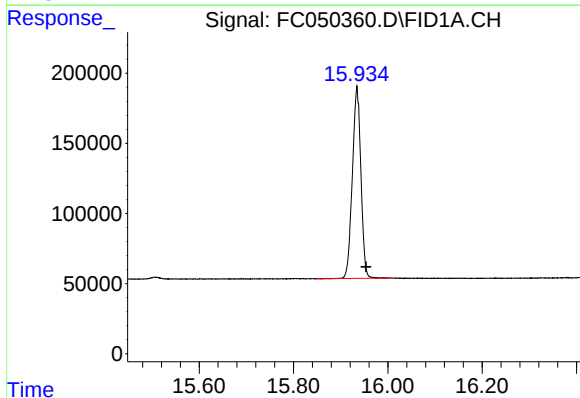
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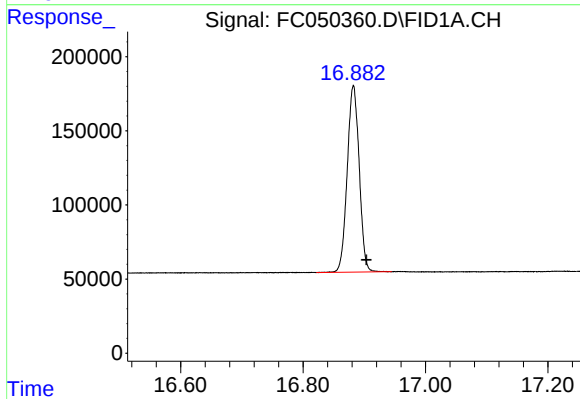
#14 n-Tetracosane (C24)

R.T.: 14.914 min
Delta R.T.: -0.020 min
Response: 1751092
Conc: 16.86 ug/ml



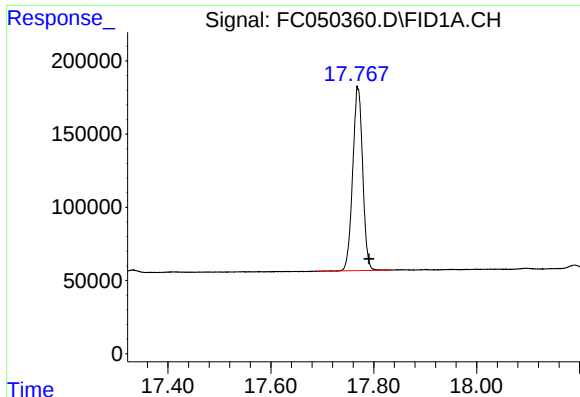
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: -0.019 min
Response: 1716758
Conc: 16.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.882 min
Delta R.T.: -0.021 min
Response: 1708926
Conc: 16.51 ug/ml



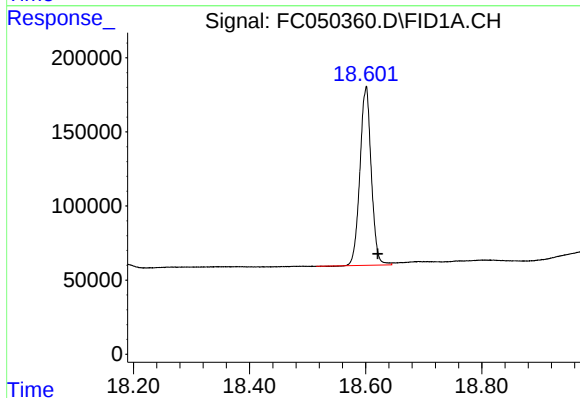
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.022 min
Response: 1684274
Conc: 16.50 ug/ml

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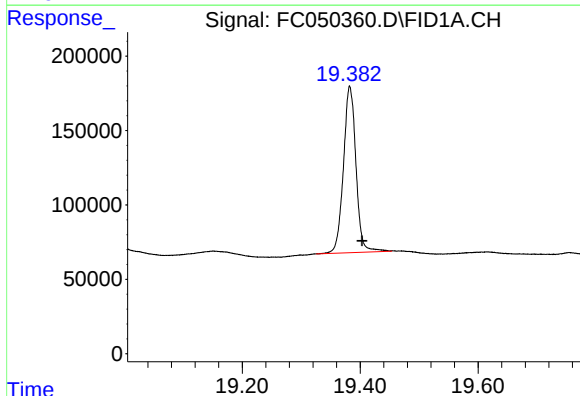
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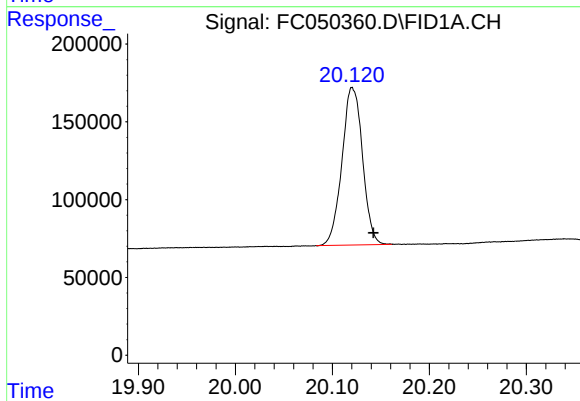
#18 n-Dotriacontane (C32)

R.T.: 18.600 min
Delta R.T.: -0.021 min
Response: 1628515
Conc: 16.95 ug/ml



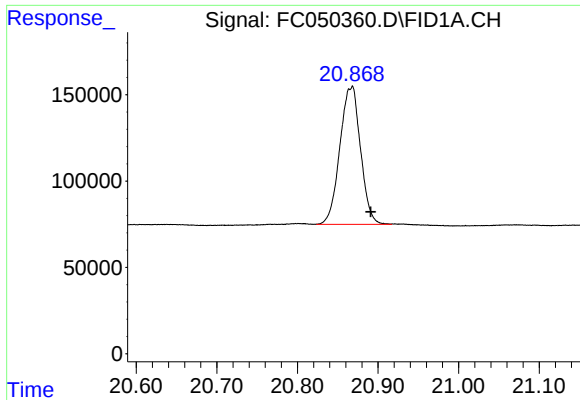
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.022 min
Response: 1651443
Conc: 18.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.022 min
Response: 1490590
Conc: 16.83 ug/ml m



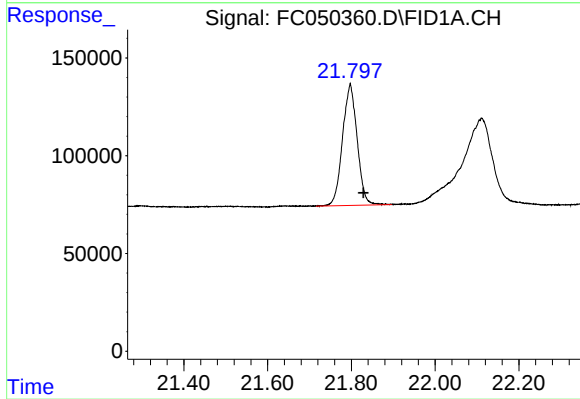
#21 n-Octatriacontane (C38)

R.T.: 20.868 min
Delta R.T.: -0.023 min
Response: 1421253
Conc: 17.24 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.032 min
Response: 1505338
Conc: 18.00 ug/ml m