

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057740.D
 Signal(s) : FID1A.CH
 Acq On : 06 Jan 2022 7:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/06/2022
 Supervised By :Ankita Jodhani 01/06/2022

Integration File: autoint1.e
 Quant Time: Jan 06 07:47:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.713	4056287	20.977 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	12.151	3063569	20.786 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
Target Compounds			
1) T n-Nonane (C9)	2.638	3462171	21.651 ug/ml
2) T n-Decane (C10)	3.629	3513539	21.860 ug/ml
3) T A~Naphthalene (C11.7)	5.167	3983301	21.937 ug/ml
4) T n-Dodecane (C12)	5.601	3539552	21.947 ug/ml
5) T A~2-methylnaphthalene...	6.208	4014804	21.955 ug/ml
6) T n-Tetradecane (C14)	7.382	3635529	22.021 ug/ml
7) T n-Hexadecane (C16)	8.974	3655076	21.881 ug/ml
8) T n-Octadecane (C18)	10.409	3698843	21.494 ug/ml
10) T n-Eicosane (C20)	11.712	3584441	20.938 ug/ml
11) T n-Heneicosane (C21)	12.320	3570428	20.647 ug/ml
13) T n-Docosane (C22)	12.905	3496878	20.213 ug/ml
14) T n-Tetracosane (C24)	14.003	3413862	19.721 ug/ml
15) T n-Hexacosane (C26)	15.020	3270138	19.432 ug/ml
16) T n-Octacosane (C28)	15.967	3285200	20.075 ug/ml
17) T n-Tricontane (C30)	16.852	3426289	21.946 ug/ml
18) T n-Dotriacontane (C32)	17.682	3073164	22.042 ug/ml
19) T n-Tetratriacontane (C34)	18.464	2808043	22.593 ug/ml
20) T n-Hexatriacontane (C36)	19.200	2538601	22.833 ug/mlm
21) T n-Octatriacontane (C38)	19.908	2512290	24.084 ug/mlm
22) T n-Tetracontane (C40)	20.735	2548197	26.612 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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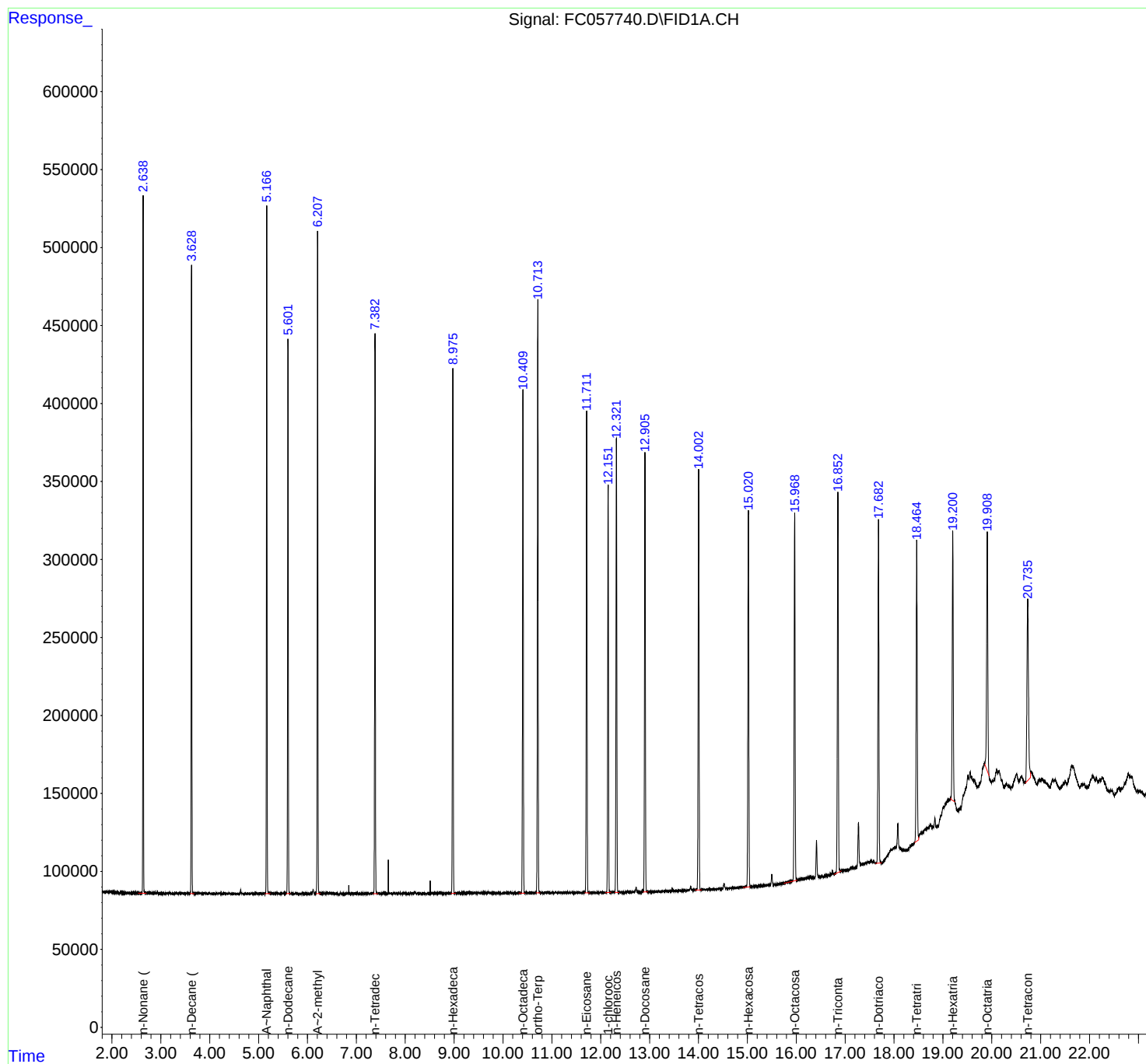
Instrument :
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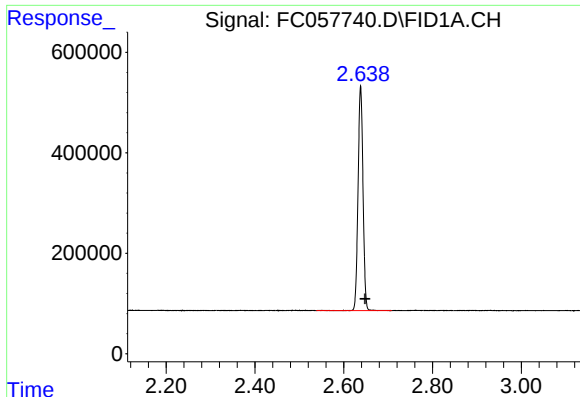
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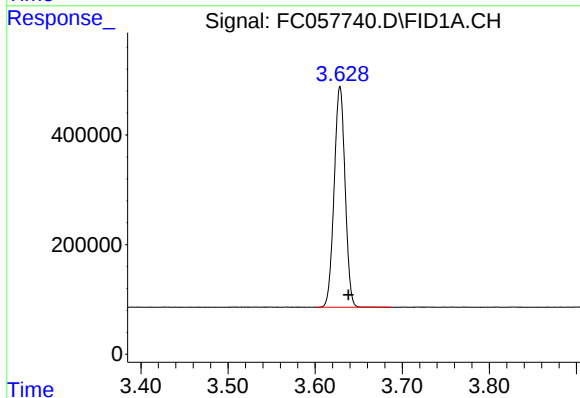
#1 n-Nonane (C9)

R.T.: 2.638 min
Delta R.T.: -0.010 min
Response: 3462171
Conc: 21.65 ug/ml

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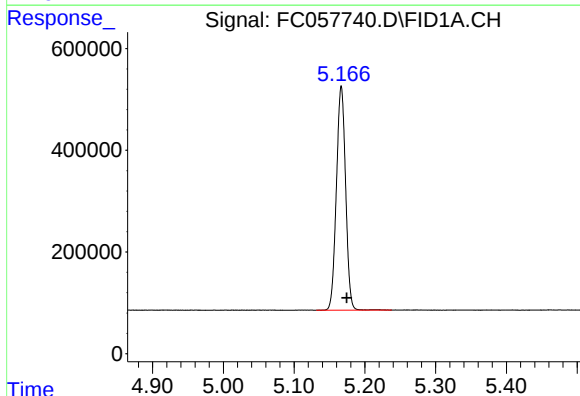
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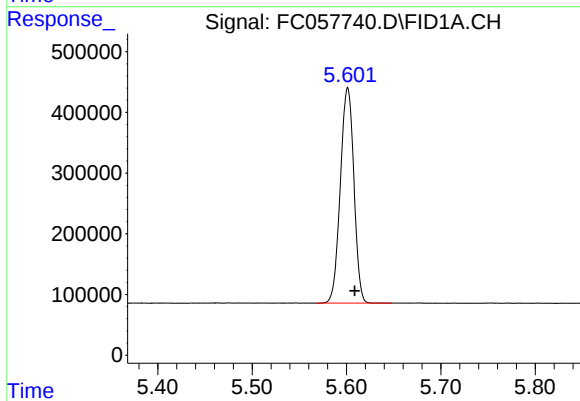
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 3513539
Conc: 21.86 ug/ml



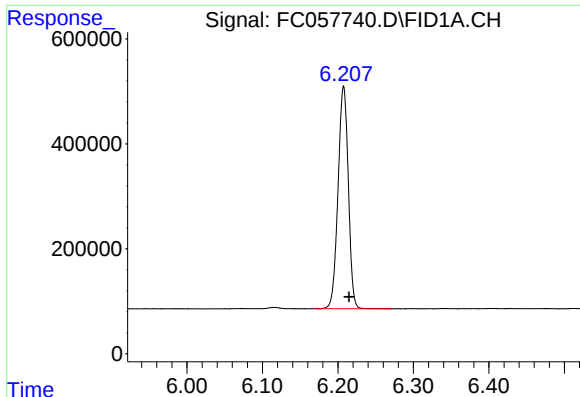
#3 A~Naphthalene (C11.7)

R.T.: 5.167 min
Delta R.T.: -0.008 min
Response: 3983301
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.601 min
Delta R.T.: -0.008 min
Response: 3539552
Conc: 21.95 ug/ml



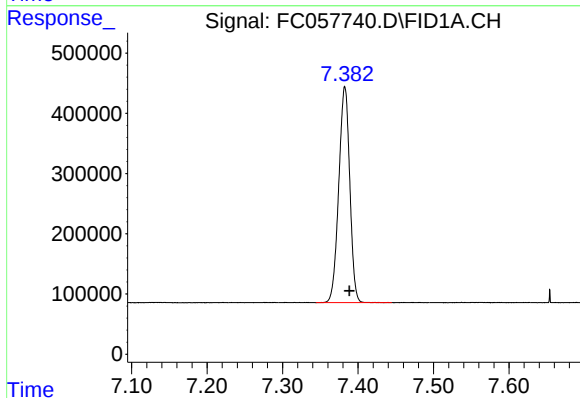
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 4014804
Conc: 21.95 ug/ml

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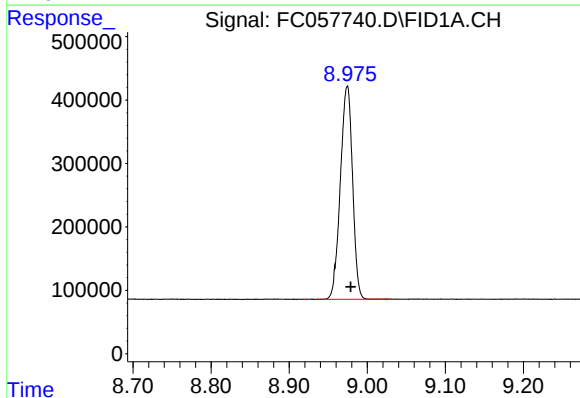
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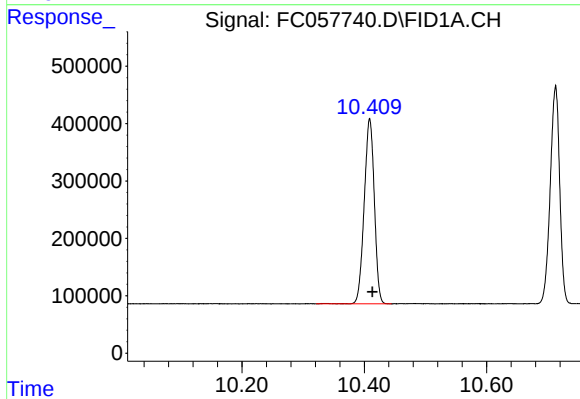
#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 3635529
Conc: 22.02 ug/ml



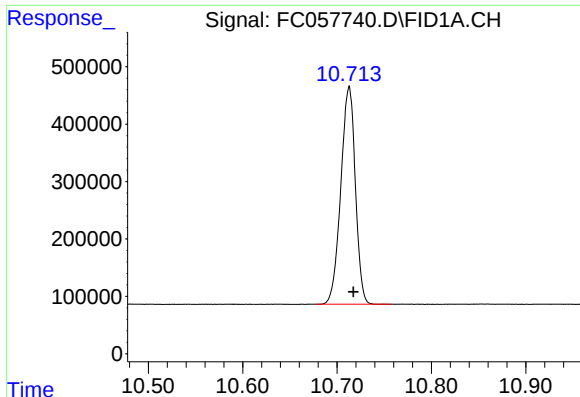
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.005 min
Response: 3655076
Conc: 21.88 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.409 min
Delta R.T.: -0.004 min
Response: 3698843
Conc: 21.49 ug/ml



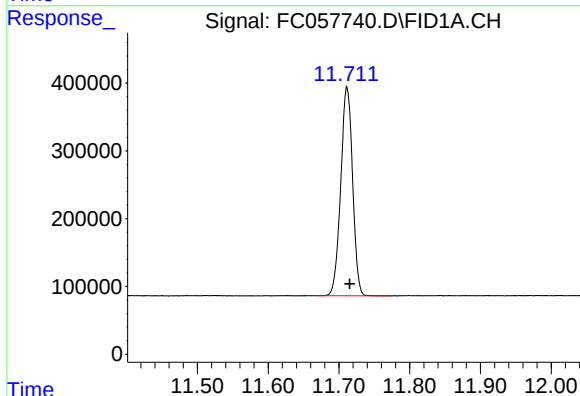
#9 ortho-Terphenyl (SURR)

R.T.: 10.713 min
Delta R.T.: -0.005 min
Response: 4056287
Conc: 20.98 ug/ml

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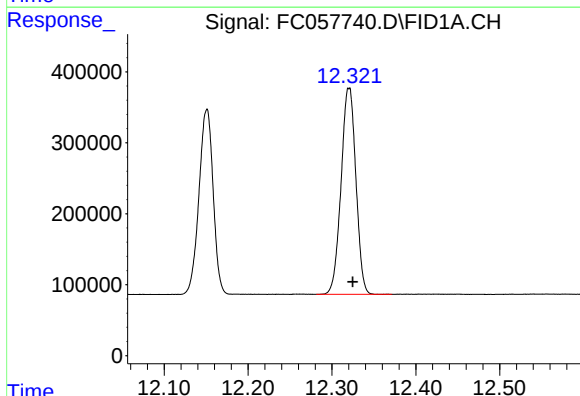
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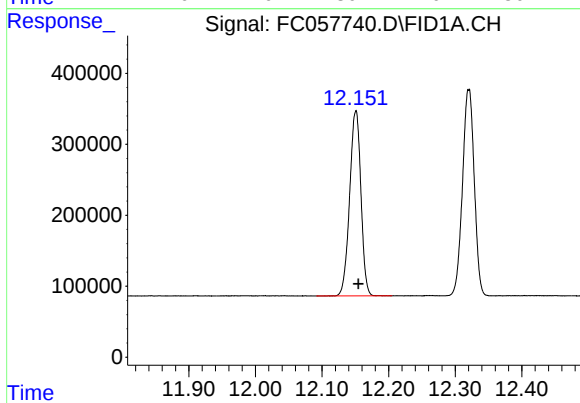
#10 n-Eicosane (C20)

R.T.: 11.712 min
Delta R.T.: -0.004 min
Response: 3584441
Conc: 20.94 ug/ml



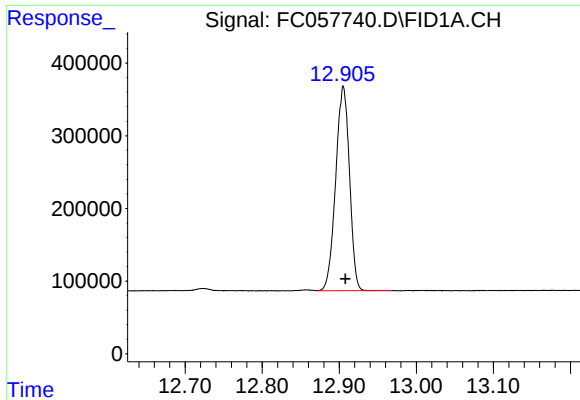
#11 n-Heneicosane (C21)

R.T.: 12.320 min
Delta R.T.: -0.004 min
Response: 3570428
Conc: 20.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.151 min
Delta R.T.: -0.004 min
Response: 3063569
Conc: 20.79 ug/ml



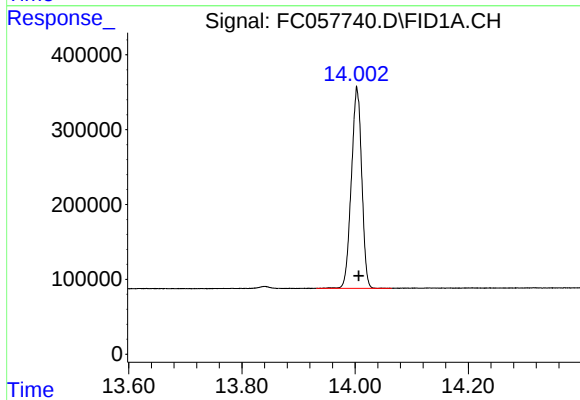
#13 n-Docosane (C22)

R.T.: 12.905 min
Delta R.T.: -0.003 min
Response: 3496878
Conc: 20.21 ug/ml

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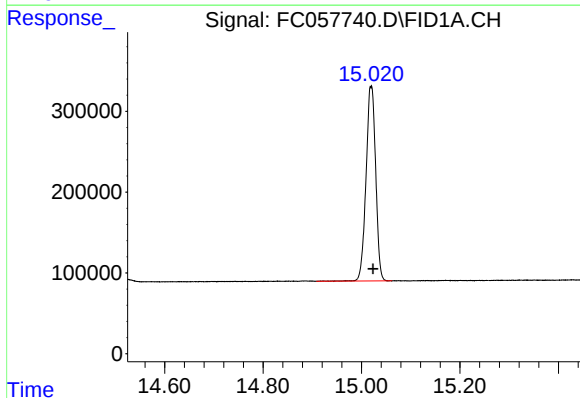
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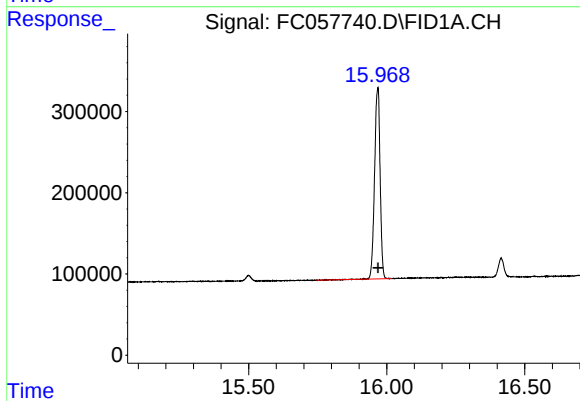
#14 n-Tetracosane (C24)

R.T.: 14.003 min
Delta R.T.: -0.003 min
Response: 3413862
Conc: 19.72 ug/ml



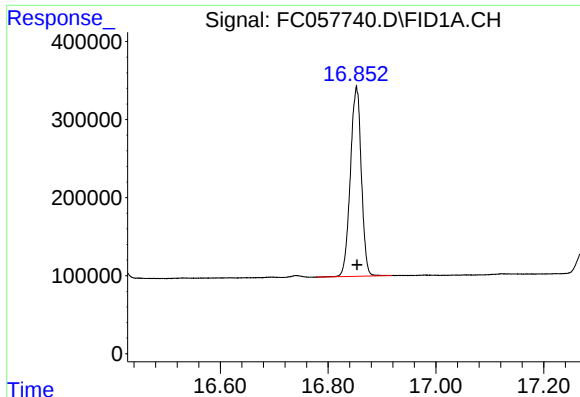
#15 n-Hexacosane (C26)

R.T.: 15.020 min
Delta R.T.: -0.004 min
Response: 3270138
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.967 min
Delta R.T.: -0.002 min
Response: 3285200
Conc: 20.08 ug/ml



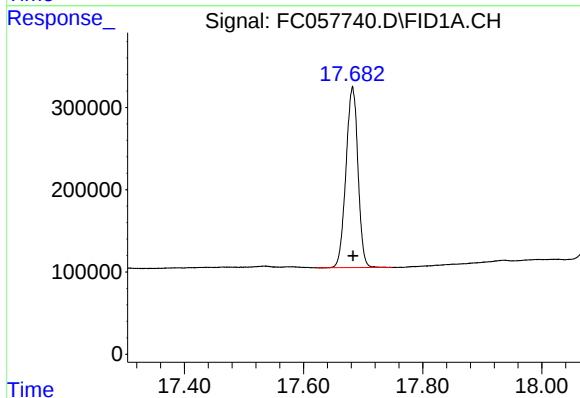
#17 n-Tricontane (C30)

R.T.: 16.852 min
Delta R.T.: -0.001 min
Response: 3426289
Conc: 21.95 ug/ml

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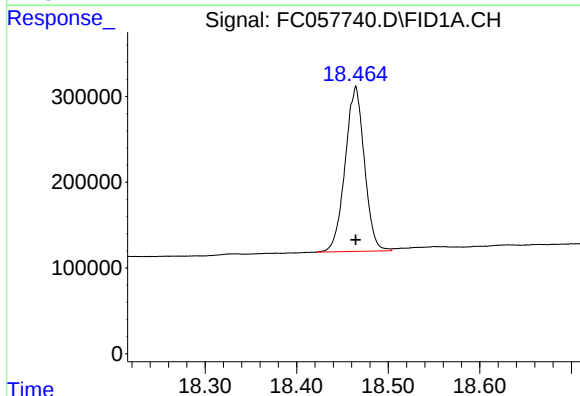
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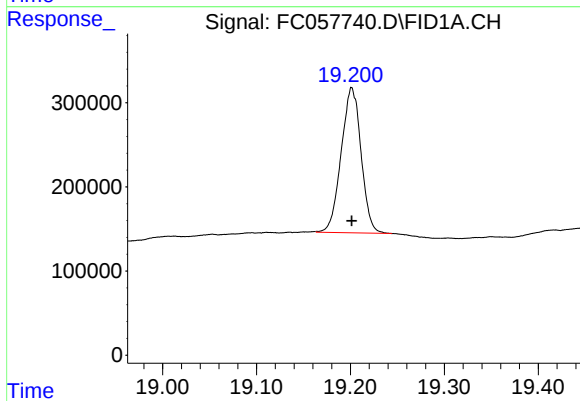
#18 n-Dotriacontane (C32)

R.T.: 17.682 min
Delta R.T.: 0.000 min
Response: 3073164
Conc: 22.04 ug/ml



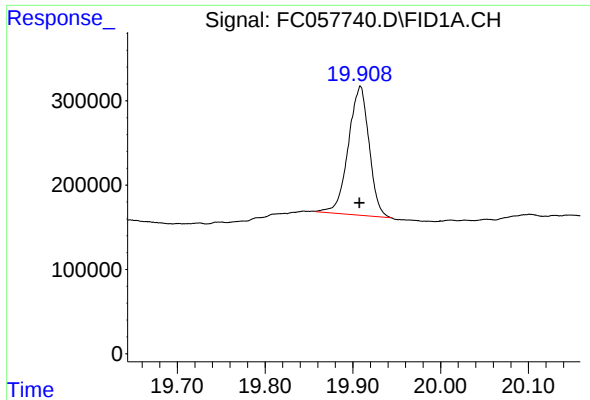
#19 n-Tetratriacontane (C34)

R.T.: 18.464 min
Delta R.T.: 0.000 min
Response: 2808043
Conc: 22.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.200 min
Delta R.T.: -0.001 min
Response: 2538601
Conc: 22.83 ug/ml m



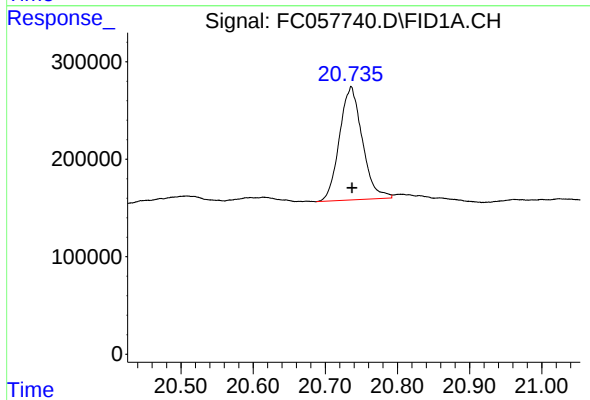
#21 n-Octatriacontane (C38)

R.T.: 19.908 min
Delta R.T.: 0.000 min
Response: 2512290
Conc: 24.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.735 min
Delta R.T.: -0.002 min
Response: 2548197
Conc: 26.61 ug/ml m