

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051922AL\
 Data File : FC059837.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2022 3:04
 Operator : UA/NP
 Sample : N2907-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 GC-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/20/2022
 Supervised By :mohammad ahmed 05/20/2022

Integration File: sample.E
 Quant Time: May 20 04:31:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050522.M
 Quant Title : GC Extractables
 QLast Update : Mon May 09 11:12:42 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)	10.648	5298477	36.082 ug/ml
Spiked Amount 50.000		Recovery =	72.16%
12) S 1-chlorooctadecane (S...	12.018	4284624	37.232 ug/ml
Spiked Amount 50.000		Recovery =	74.46%
Target Compounds			
1) T n-Nonane (C9)	2.632	6430897	50.358 ug/ml
2) T n-Decane (C10)	3.626	7481956	59.078 ug/mlm
3) T A~Naphthalene (C11.7)	5.159	9153517	62.165 ug/ml
4) T n-Dodecane (C12)	5.579	8089461	61.513 ug/ml
5) T A~2-methylnaphthalene...	6.184	9238231	61.458 ug/ml
6) T n-Tetradecane (C14)	7.335	8687922	64.566 ug/ml
7) T n-Hexadecane (C16)	8.897	9565808	69.714 ug/ml
8) T n-Octadecane (C18)	10.308	10394283	75.426 ug/ml
10) T n-Eicosane (C20)	11.589	9935651	73.873 ug/ml
11) T n-Heneicosane (C21)	12.186	9748527	73.076 ug/ml
13) T n-Docosane (C22)	12.759	9571536	72.931 ug/ml
14) T n-Tetracosane (C24)	13.834	17801487	141.482 ug/ml
15) T n-Hexacosane (C26)	14.838	8746072	73.232 ug/ml
16) T n-Octacosane (C28)	15.762	8448608	74.211 ug/ml
17) T n-Tricontane (C30)	16.634	7985585	72.646 ug/ml
18) T n-Dotriacontane (C32)	17.445	7909068	76.503 ug/mlm
19) T n-Tetratriacontane (C34)	18.207	7182979	73.573 ug/mlm
20) T n-Hexatriacontane (C36)	18.930	6829141	73.563 ug/mlm
21) T n-Octatriacontane (C38)	19.610	6617585	69.517 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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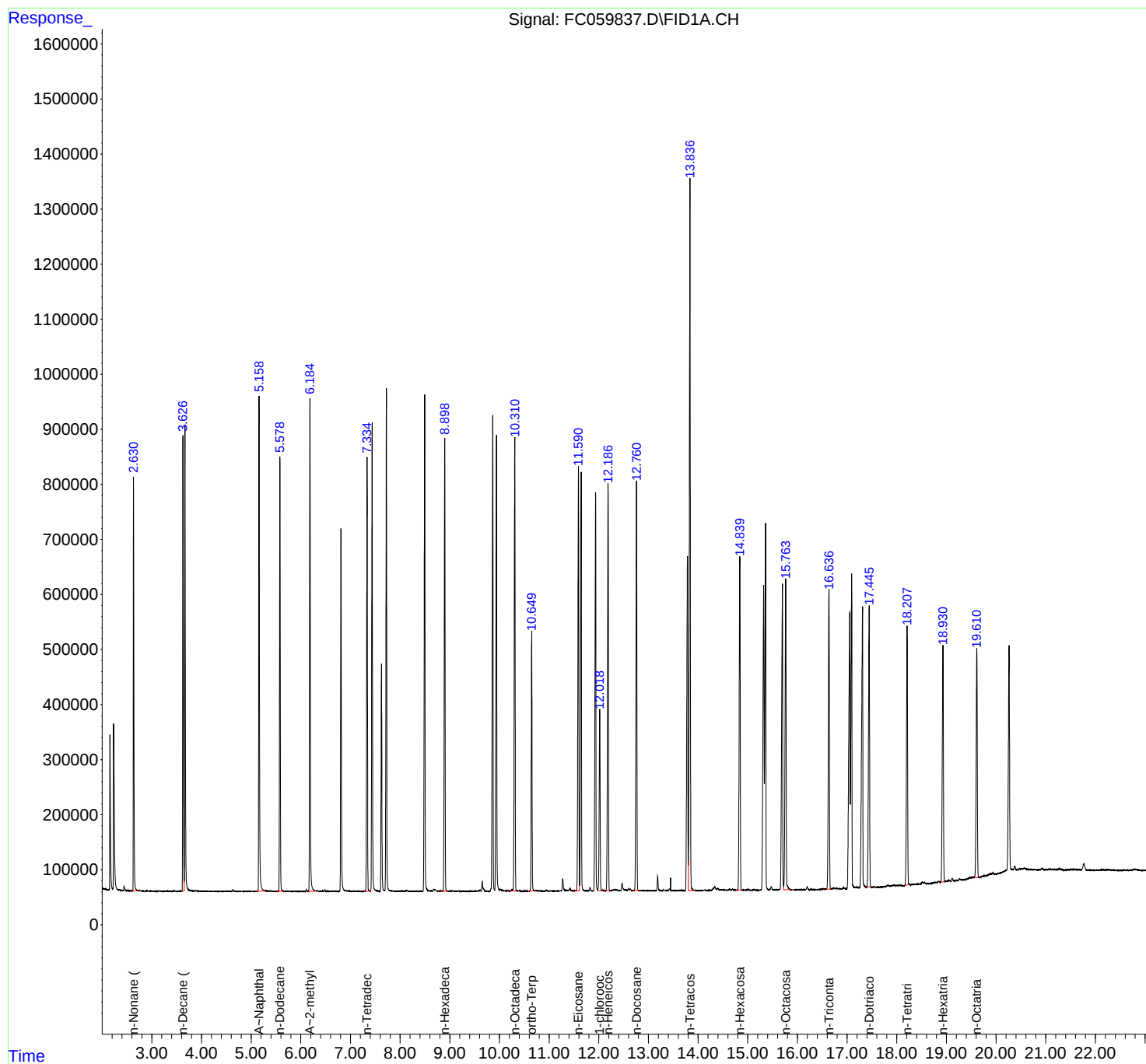
Instrument :
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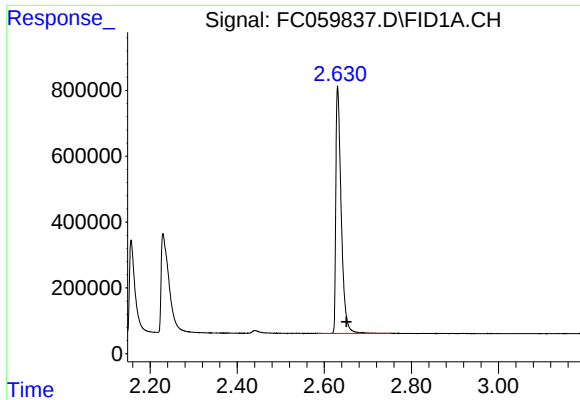
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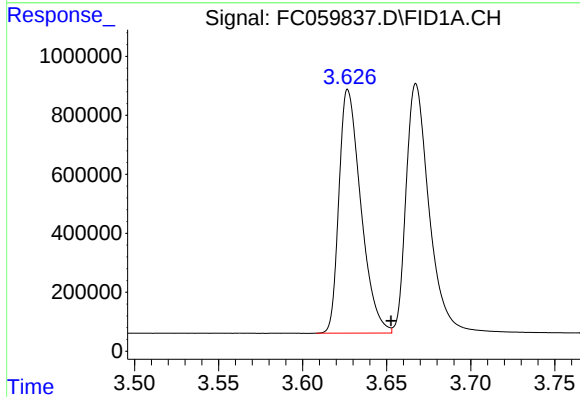
#1 n-Nonane (C9)

R.T.: 2.632 min
Delta R.T.: -0.019 min
Response: 6430897
Conc: 50.36 ug/ml

Instrument :
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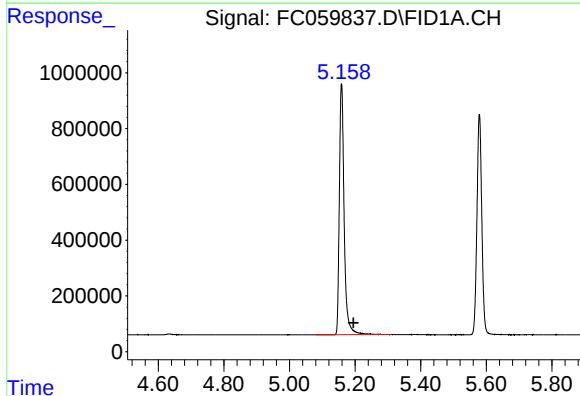
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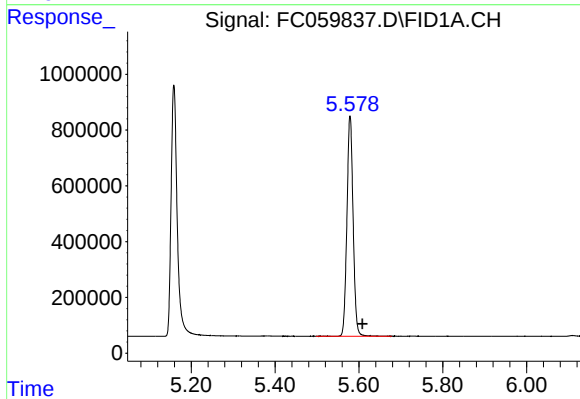
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.026 min
Response: 7481956
Conc: 59.08 ug/ml m



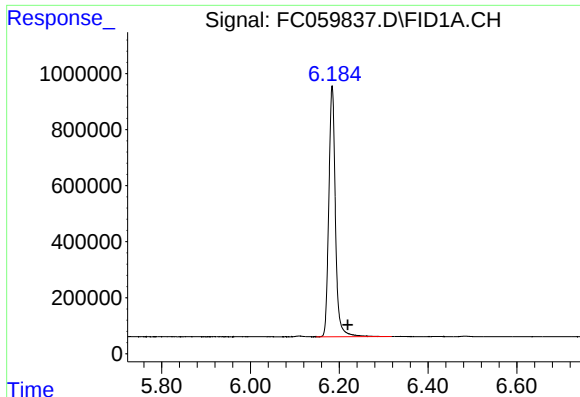
#3 A~Naphthalene (C11.7)

R.T.: 5.159 min
Delta R.T.: -0.036 min
Response: 9153517
Conc: 62.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.579 min
Delta R.T.: -0.030 min
Response: 8089461
Conc: 61.51 ug/ml



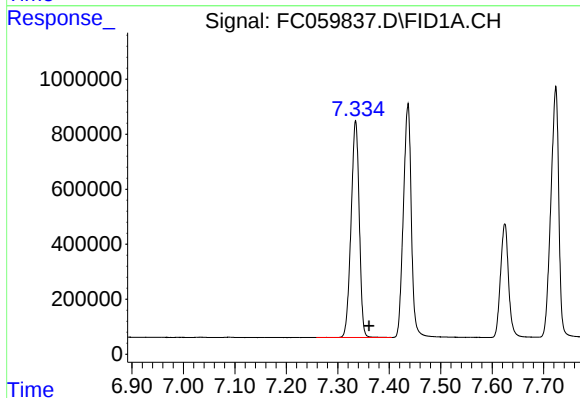
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.184 min
Delta R.T.: -0.035 min
Response: 9238231
Conc: 61.46 ug/ml

Instrument :
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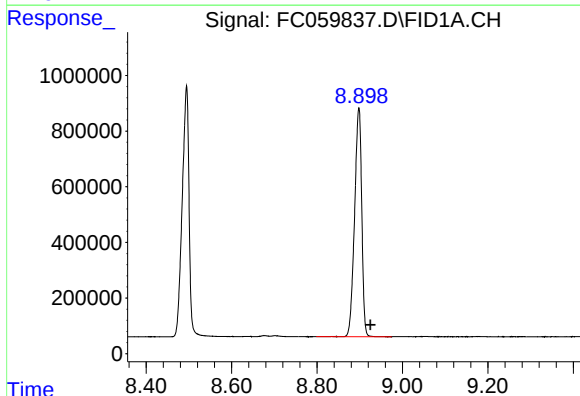
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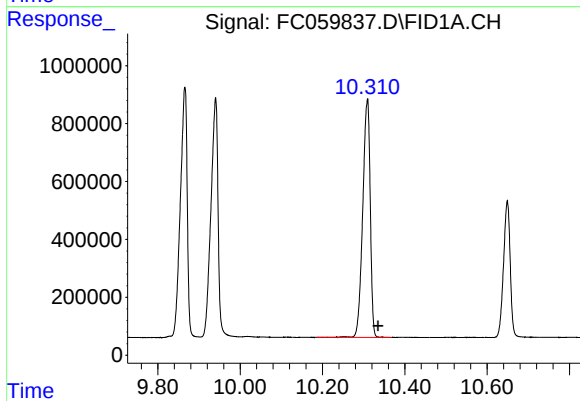
#6 n-Tetradecane (C14)

R.T.: 7.335 min
Delta R.T.: -0.026 min
Response: 8687922
Conc: 64.57 ug/ml



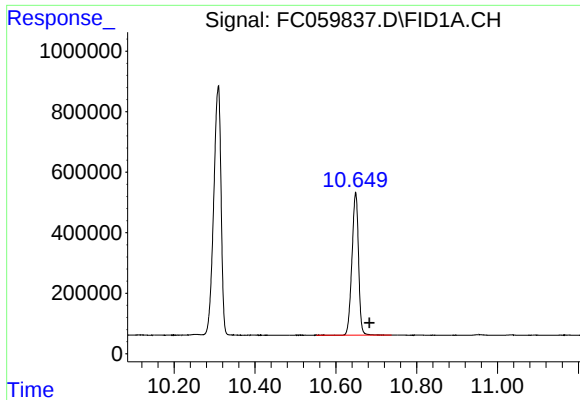
#7 n-Hexadecane (C16)

R.T.: 8.897 min
Delta R.T.: -0.029 min
Response: 9565808
Conc: 69.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.308 min
Delta R.T.: -0.028 min
Response: 10394283
Conc: 75.43 ug/ml



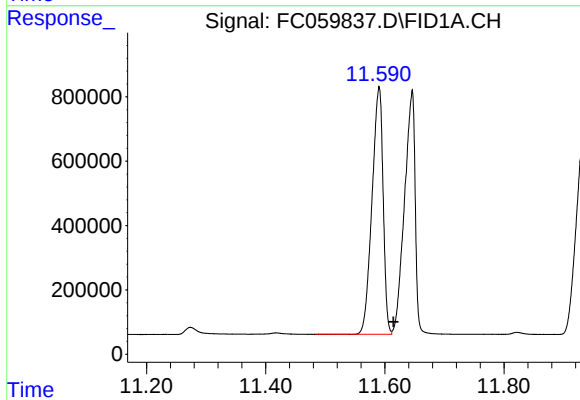
#9 ortho-Terphenyl (SURR)

R.T.: 10.648 min
Delta R.T.: -0.035 min
Response: 5298477
Conc: 36.08 ug/ml

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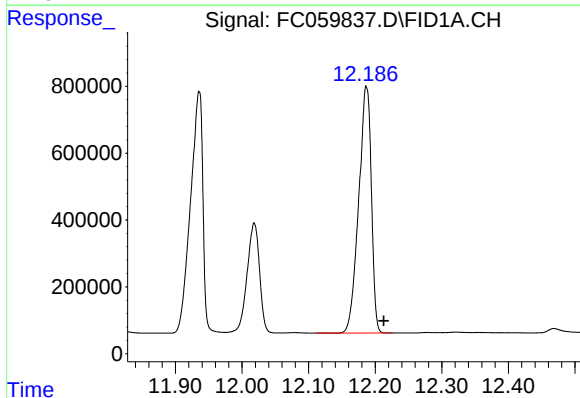
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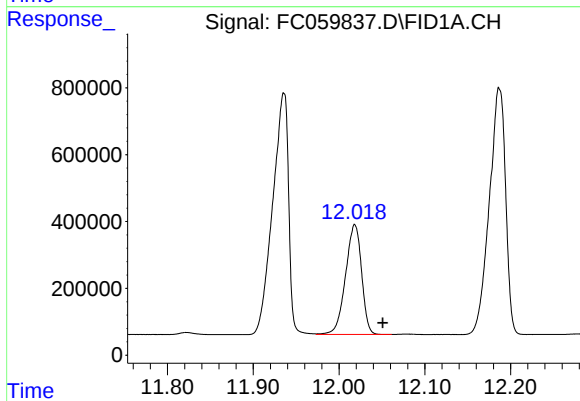
#10 n-Eicosane (C20)

R.T.: 11.589 min
Delta R.T.: -0.026 min
Response: 9935651
Conc: 73.87 ug/ml



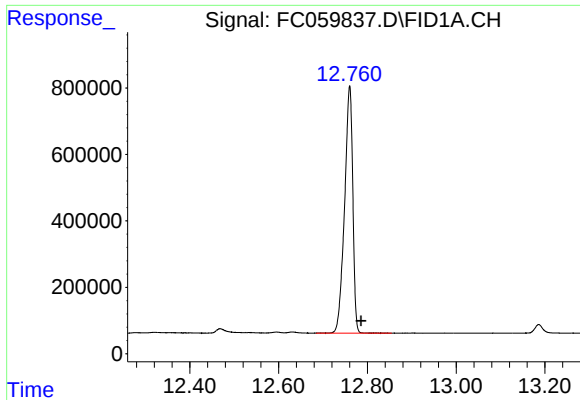
#11 n-Heneicosane (C21)

R.T.: 12.186 min
Delta R.T.: -0.027 min
Response: 9748527
Conc: 73.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.018 min
Delta R.T.: -0.033 min
Response: 4284624
Conc: 37.23 ug/ml



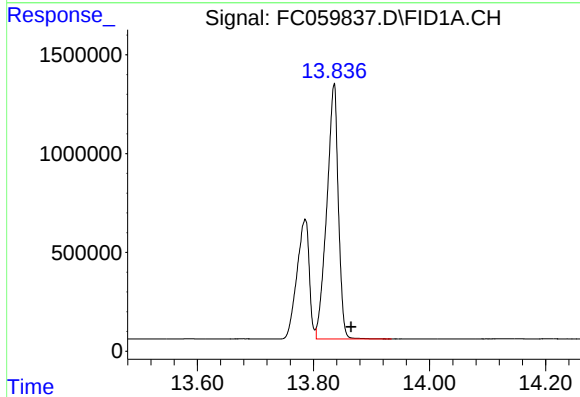
#13 n-Docosane (C22)

R.T.: 12.759 min
Delta R.T.: -0.027 min
Response: 9571536
Conc: 72.93 ug/ml

Instrument :
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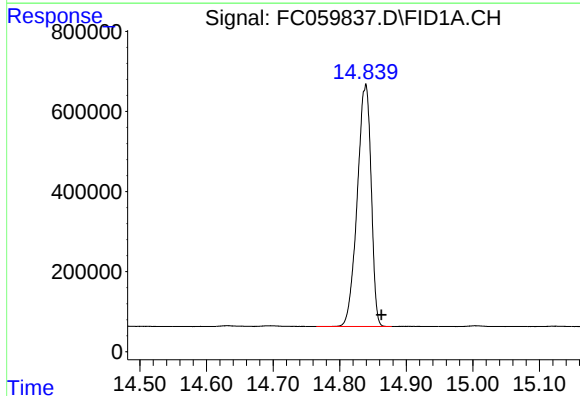
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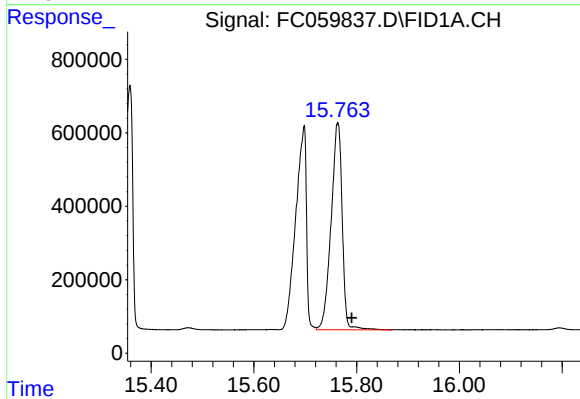
#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.031 min
Response: 17801487
Conc: 141.48 ug/ml



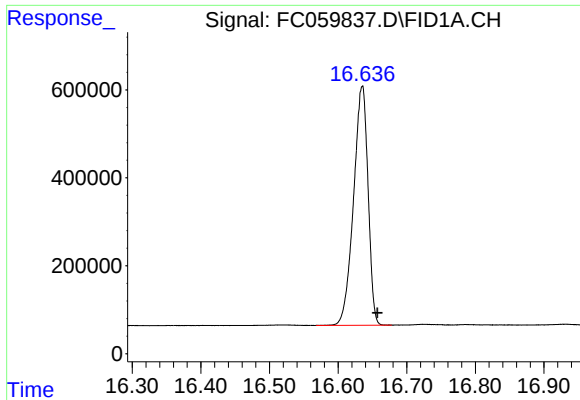
#15 n-Hexacosane (C26)

R.T.: 14.838 min
Delta R.T.: -0.025 min
Response: 8746072
Conc: 73.23 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.762 min
Delta R.T.: -0.028 min
Response: 8448608
Conc: 74.21 ug/ml



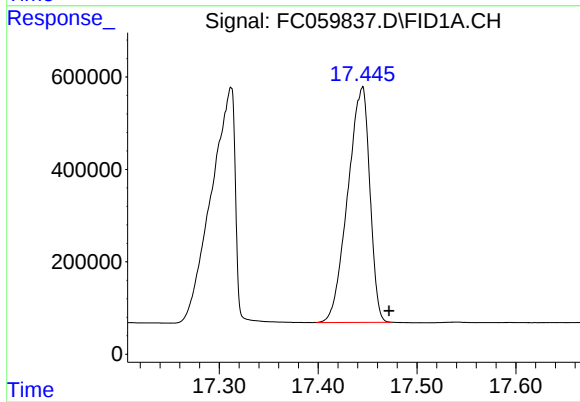
#17 n-Tricontane (C30)

R.T.: 16.634 min
Delta R.T.: -0.023 min
Response: 7985585
Conc: 72.65 ug/ml

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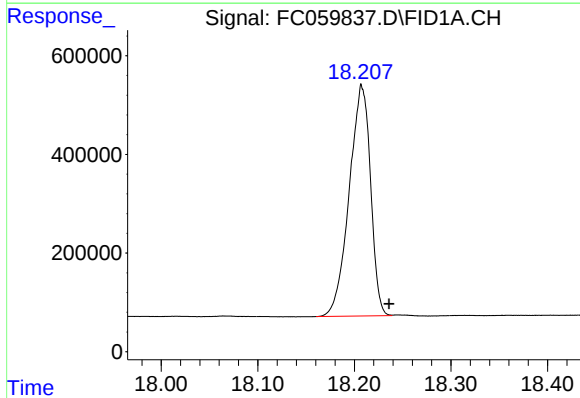
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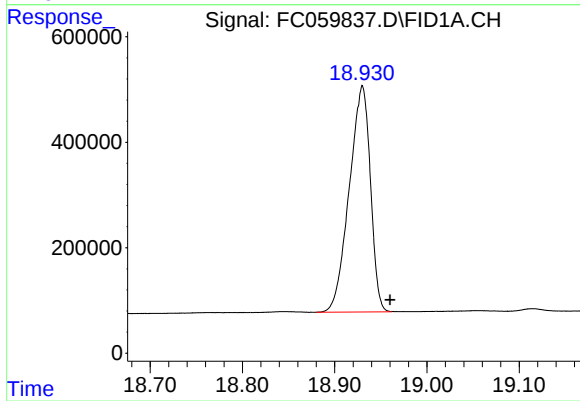
#18 n-Dotriacontane (C32)

R.T.: 17.445 min
Delta R.T.: -0.027 min
Response: 7909068
Conc: 76.50 ug/ml m



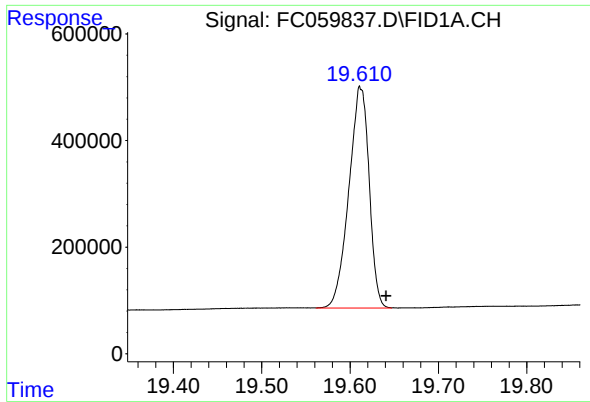
#19 n-Tetratriacontane (C34)

R.T.: 18.207 min
Delta R.T.: -0.029 min
Response: 7182979
Conc: 73.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 18.930 min
Delta R.T.: -0.030 min
Response: 6829141
Conc: 73.56 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.610 min
Delta R.T.: -0.031 min
Response: 6617585
Conc: 69.52 ug/ml

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