

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057044.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2021 2:40
 Operator : AJ\MA
 Sample : PB140978BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140978BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/24/2021
 Supervised By :mohammad ahmed 11/24/2021

Integration File: autoint1.e
 Quant Time: Nov 24 06:48:27 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 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)	11.596	5410693	46.625 ug/ml
Spiked Amount 50.000		Recovery =	93.25%
12) S 1-chlorooctadecane (S...	13.026	4395092	48.278 ug/ml
Spiked Amount 50.000		Recovery =	96.56%
Target Compounds			
1) T n-Nonane (C9)	3.371	4798873	47.358 ug/ml
2) T n-Decane (C10)	4.431	5188281	51.811 ug/ml
3) T A~Naphthalene (C11.7)	6.014	6084945	54.495 ug/ml
4) T n-Dodecane (C12)	6.443	5804140	57.245 ug/ml
5) T A~2-methylnaphthalene...	7.071	6259432	56.769 ug/ml
6) T n-Tetradecane (C14)	8.239	6441539	63.576 ug/ml
7) T n-Hexadecane (C16)	9.836	6772021	65.993 ug/ml
8) T n-Octadecane (C18)	11.278	6971729	65.072 ug/ml
10) T n-Eicosane (C20)	12.584	6765443	63.255 ug/ml
11) T n-Heneicosane (C21)	13.195	6689876	61.776 ug/ml
13) T n-Docosane (C22)	13.779	6591510	61.526 ug/ml
14) T n-Tetracosane (C24)	14.877	12214860	112.833 ug/ml
15) T n-Hexacosane (C26)	15.899	6154742	57.781 ug/ml
16) T n-Octacosane (C28)	16.843	5987112	56.130 ug/ml
17) T n-Tricontane (C30)	17.729	5639080	52.906 ug/ml
18) T n-Dotriacontane (C32)	18.556	5360680	50.822 ug/ml
19) T n-Tetratriacontane (C34)	19.336	5029682	48.415 ug/ml
20) T n-Hexatriacontane (C36)	20.071	4716420	46.694 ug/mlm
21) T n-Octatriacontane (C38)	20.802	4385500	47.774 ug/ml
22) T n-Tetracontane (C40)	21.708	4463199	49.545 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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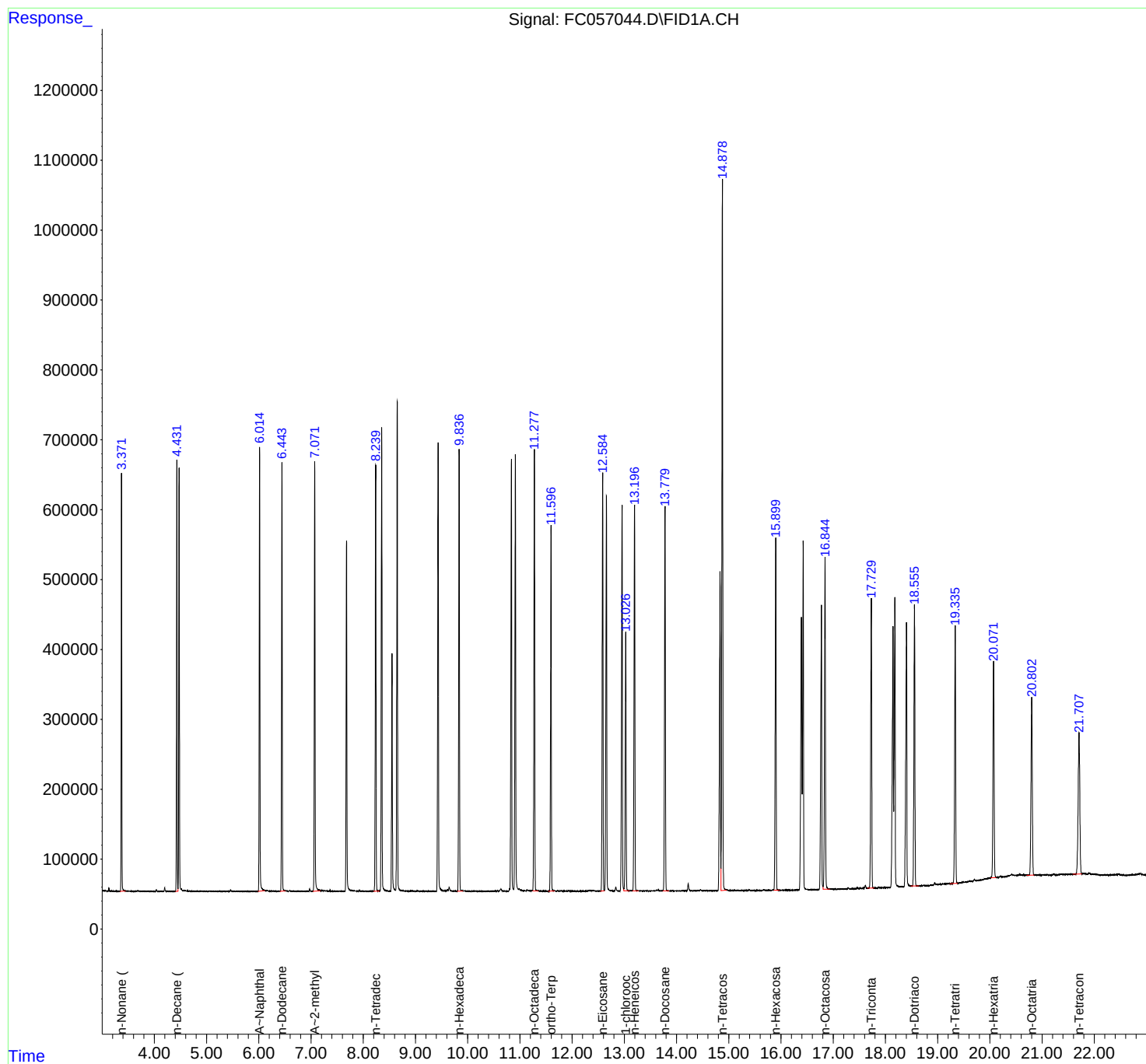
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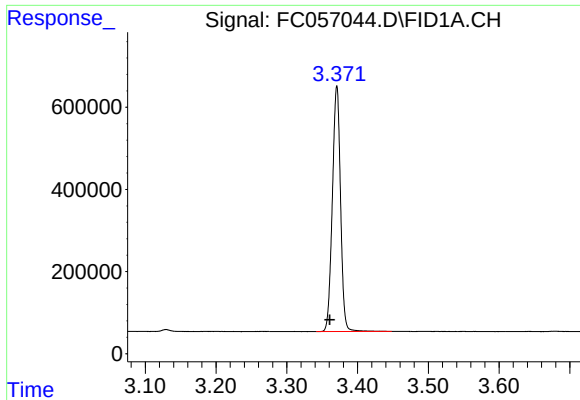
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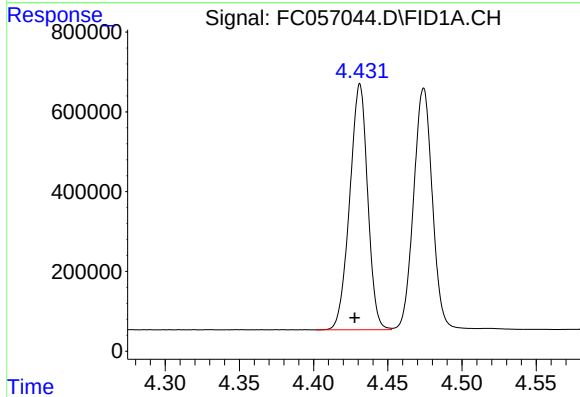
#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: 0.010 min
Response: 4798873
Conc: 47.36 ug/ml

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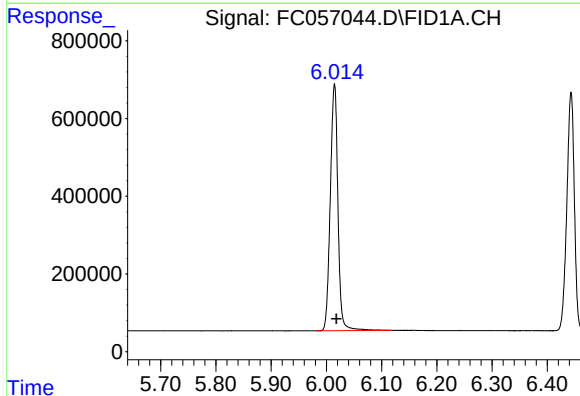
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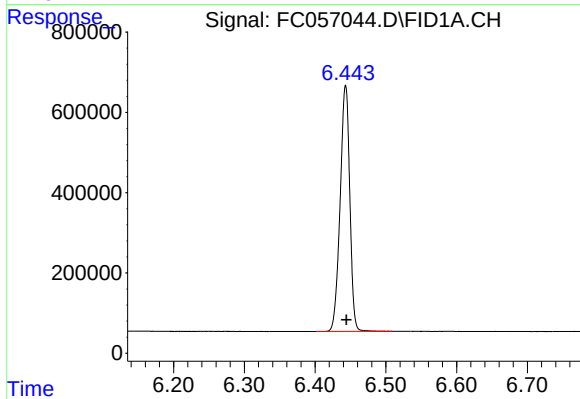
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: 0.003 min
Response: 5188281
Conc: 51.81 ug/ml



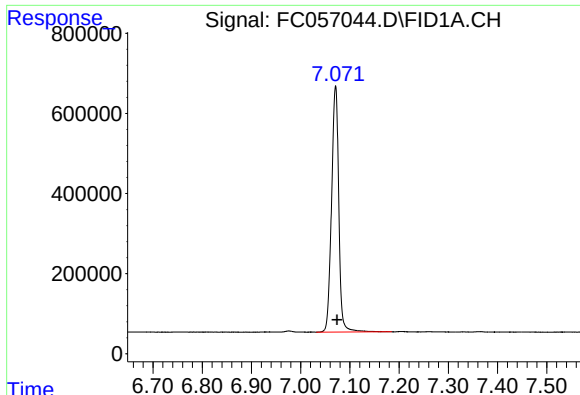
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 6084945
Conc: 54.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 5804140
Conc: 57.24 ug/ml



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

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 6259432
Conc: 56.77 ug/ml

Instrument :

FID_C

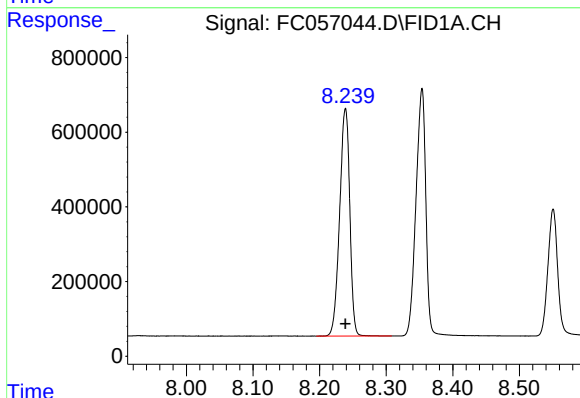
ClientSampleId :

PB140978BSD

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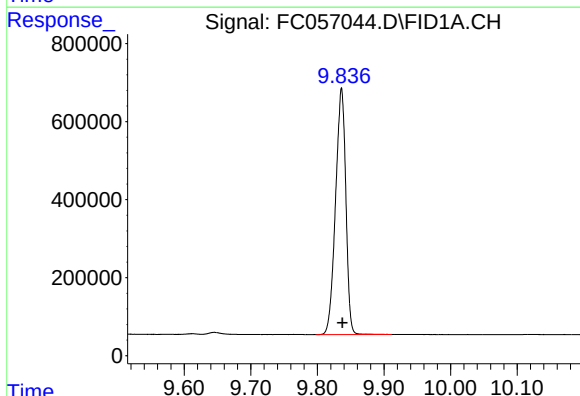
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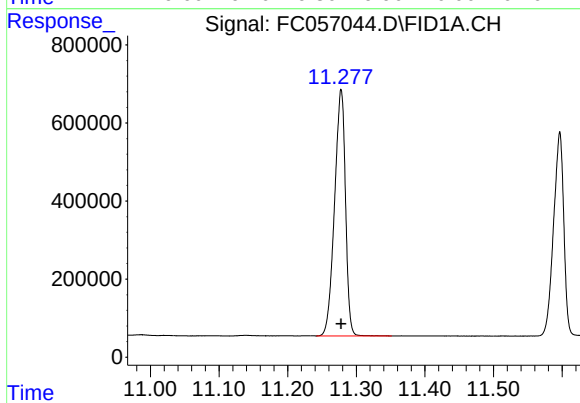
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 6441539
Conc: 63.58 ug/ml



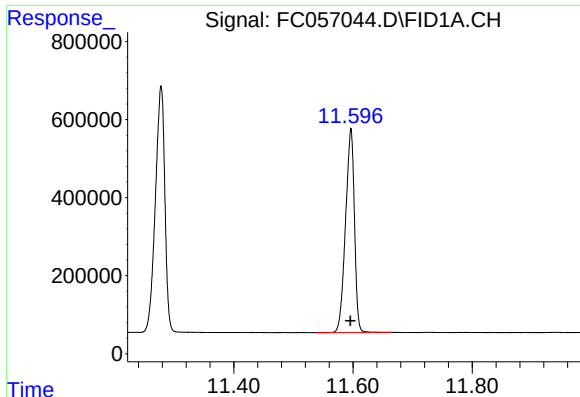
#7 n-Hexadecane (C16)

R.T.: 9.836 min
Delta R.T.: -0.002 min
Response: 6772021
Conc: 65.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 6971729
Conc: 65.07 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.000 min
Response: 5410693
Conc: 46.63 ug/ml

Instrument :

FID_C

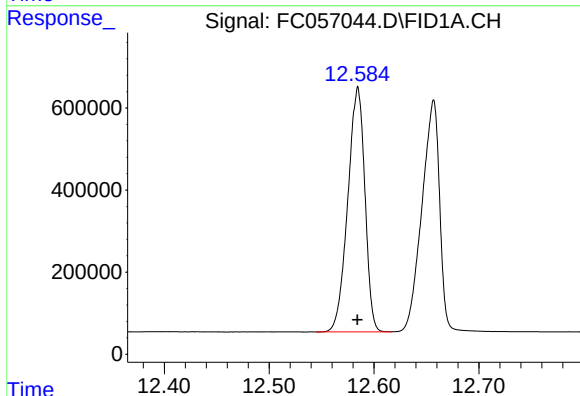
ClientSampleId :

PB140978BSD

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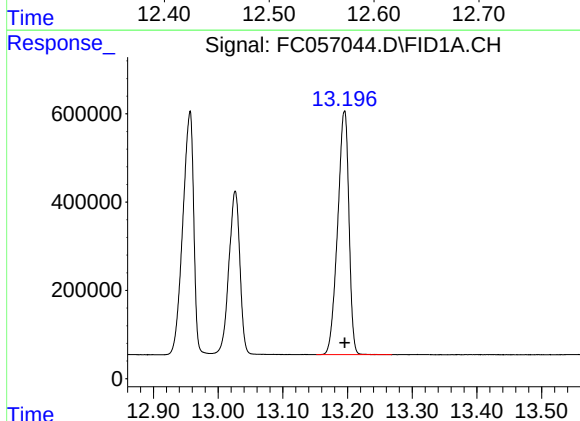
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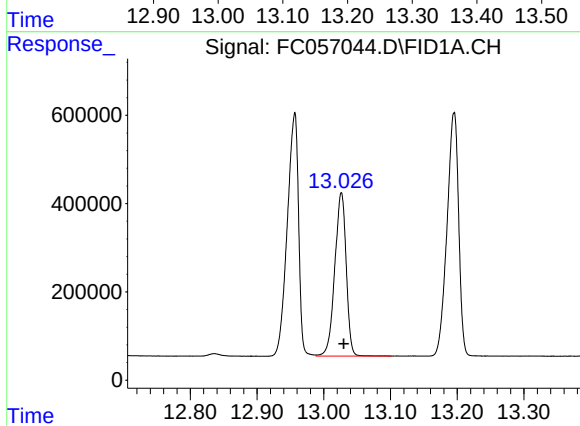
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 6765443
Conc: 63.25 ug/ml



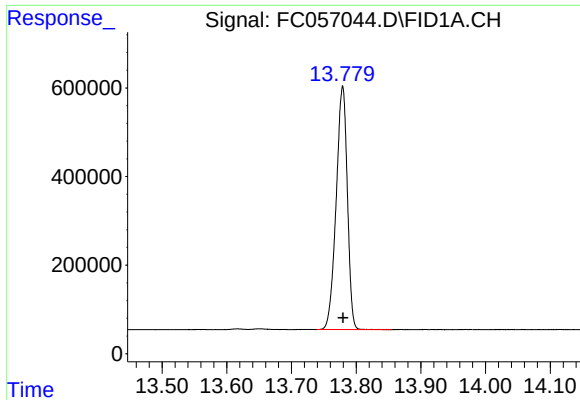
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 6689876
Conc: 61.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.004 min
Response: 4395092
Conc: 48.28 ug/ml



#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.001 min
Response: 6591510
Conc: 61.53 ug/ml

Instrument :

FID_C

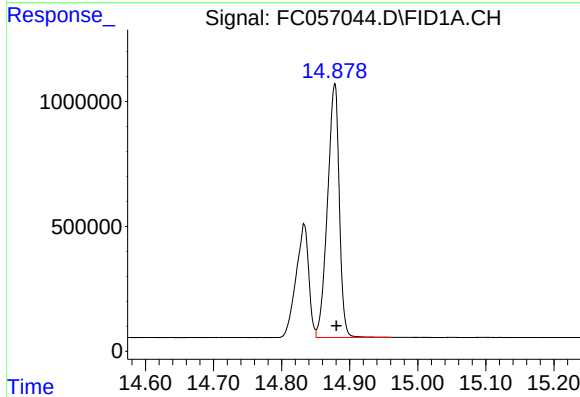
ClientSampleId :

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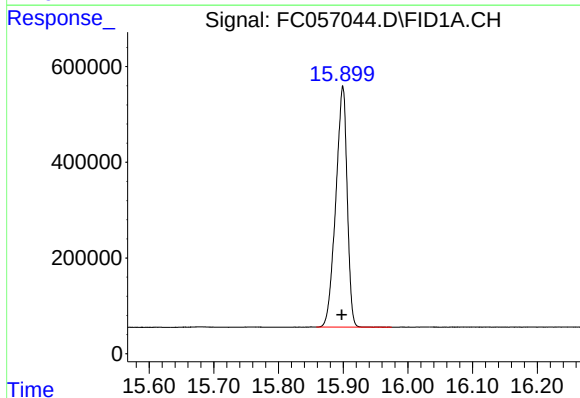
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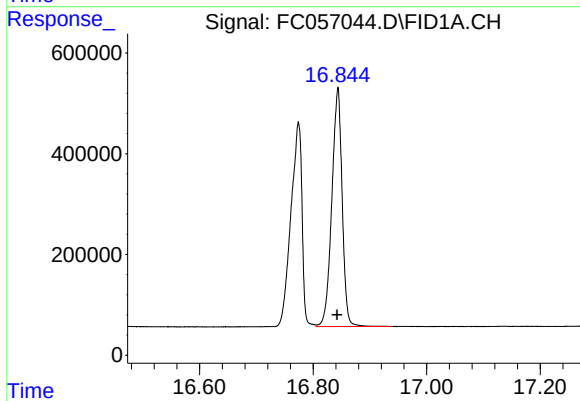
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 12214860
Conc: 112.83 ug/ml



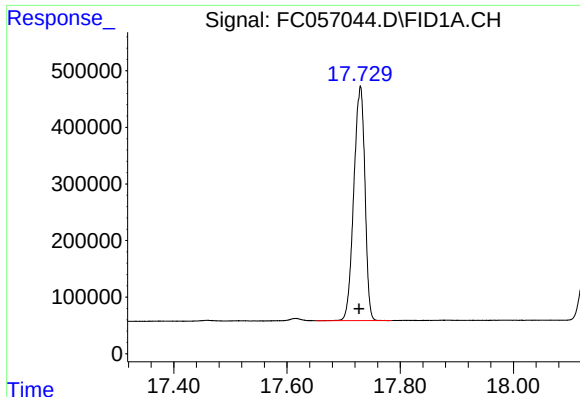
#15 n-Hexacosane (C26)

R.T.: 15.899 min
Delta R.T.: 0.001 min
Response: 6154742
Conc: 57.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.843 min
Delta R.T.: 0.001 min
Response: 5987112
Conc: 56.13 ug/ml



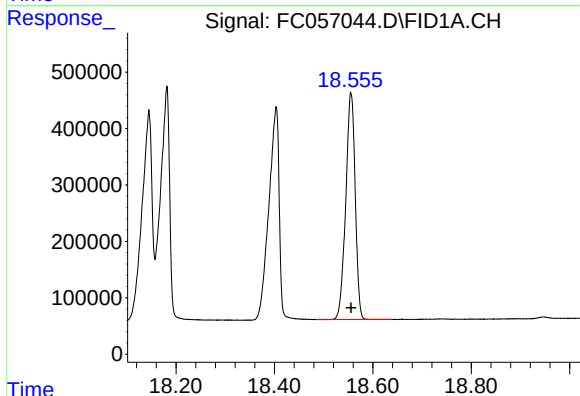
#17 n-Tricontane (C30)

R.T.: 17.729 min
Delta R.T.: 0.002 min
Response: 5639080
Conc: 52.91 ug/ml

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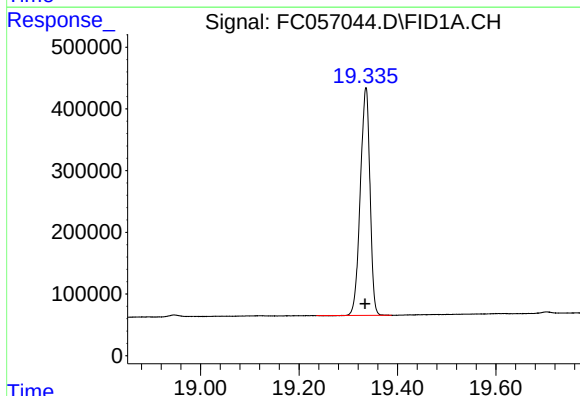
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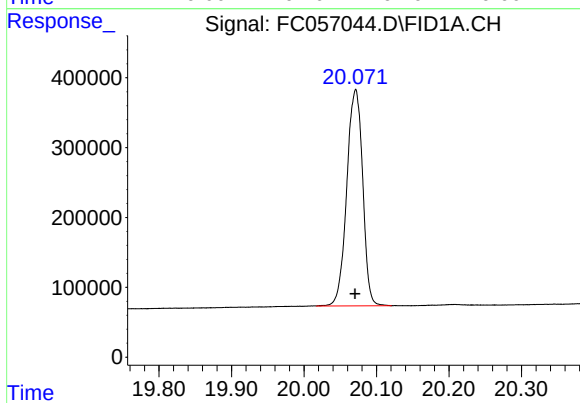
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 5360680
Conc: 50.82 ug/ml



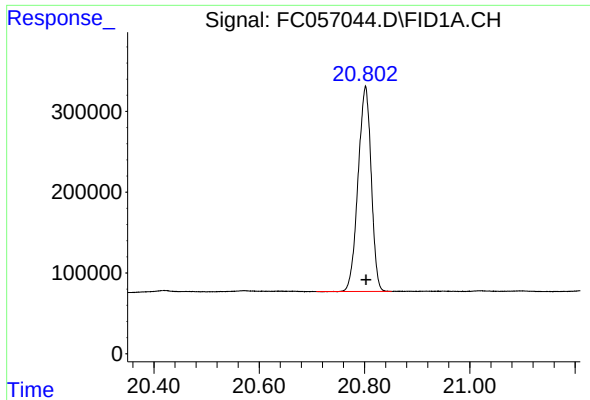
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.001 min
Response: 5029682
Conc: 48.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.000 min
Response: 4716420
Conc: 46.69 ug/ml m



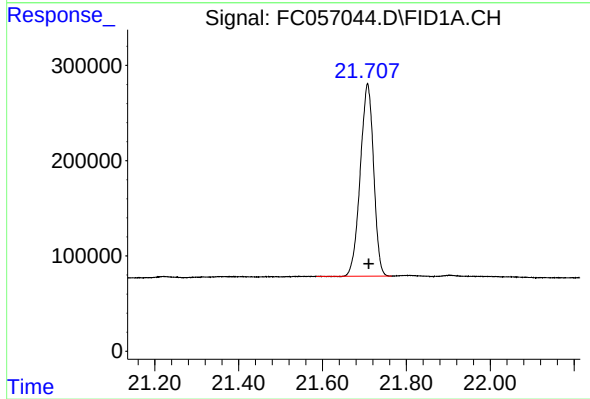
#21 n-Octatriacontane (C38)

R.T.: 20.802 min
Delta R.T.: -0.001 min
Response: 4385500
Conc: 47.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: -0.003 min
Response: 4463199
Conc: 49.54 ug/ml