

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112221AL\
 Data File : FC057011.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 5:01
 Operator : AJ\MA
 Sample : PB140938BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140938BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 23 06:11:29 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)	11.598	6210769	53.520 ug/ml
Spiked Amount 50.000		Recovery =	107.04%
12) S 1-chlorooctadecane (S...	13.028	5031598	55.269 ug/ml
Spiked Amount 50.000		Recovery =	110.54%
Target Compounds			
1) T n-Nonane (C9)	3.364	4384103	43.265 ug/ml
2) T n-Decane (C10)	4.429	5231672	52.244 ug/ml
3) T A~Naphthalene (C11.7)	6.016	6586345	58.985 ug/ml
4) T n-Dodecane (C12)	6.445	6383837	62.962 ug/ml
5) T A~2-methylnaphthalene...	7.072	6816491	61.821 ug/ml
6) T n-Tetradecane (C14)	8.241	6889705	68.000 ug/ml
7) T n-Hexadecane (C16)	9.838	7042662	68.631 ug/ml
8) T n-Octadecane (C18)	11.279	7189777	67.107 ug/ml
10) T n-Eicosane (C20)	12.586	6966758	65.137 ug/ml
11) T n-Heneicosane (C21)	13.195	6872993	63.467 ug/ml
13) T n-Docosane (C22)	13.779	6771262	63.204 ug/ml
14) T n-Tetracosane (C24)	14.878	12624619	116.618 ug/ml
15) T n-Hexacosane (C26)	15.898	6333015	59.455 ug/ml
16) T n-Octacosane (C28)	16.844	6150800	57.664 ug/ml
17) T n-Tricontane (C30)	17.728	5788434	54.308 ug/ml
18) T n-Dotriacontane (C32)	18.554	5472401	51.881 ug/ml
19) T n-Tetratriacontane (C34)	19.335	5095711	49.050 ug/ml
20) T n-Hexatriacontane (C36)	20.069	4592696	45.469 ug/ml
21) T n-Octatriacontane (C38)	20.801	4351776	47.407 ug/ml
22) T n-Tetracontane (C40)	21.708	4403990	48.887 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
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ALS Vial : 28 Sample Multiplier: 1

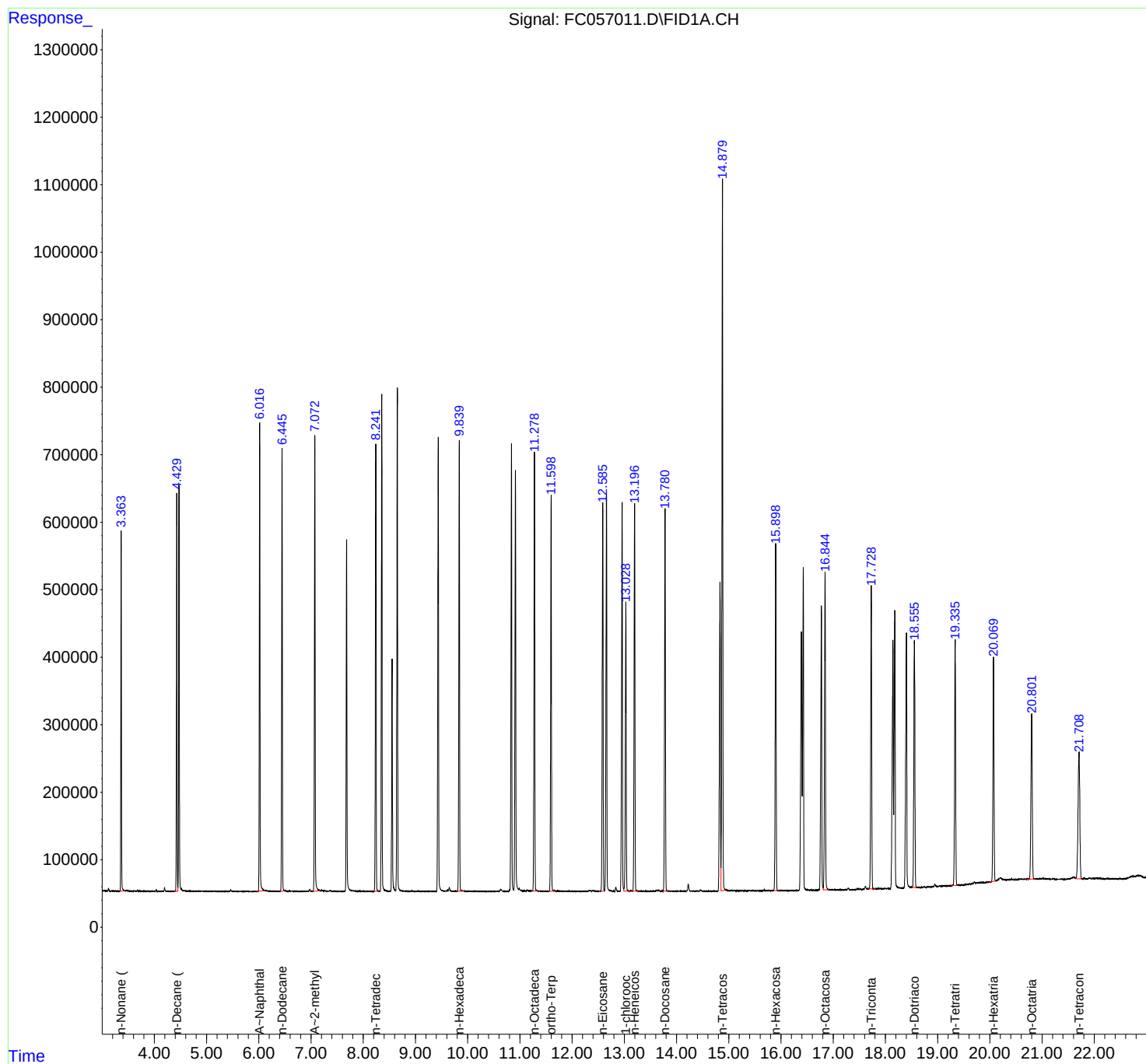
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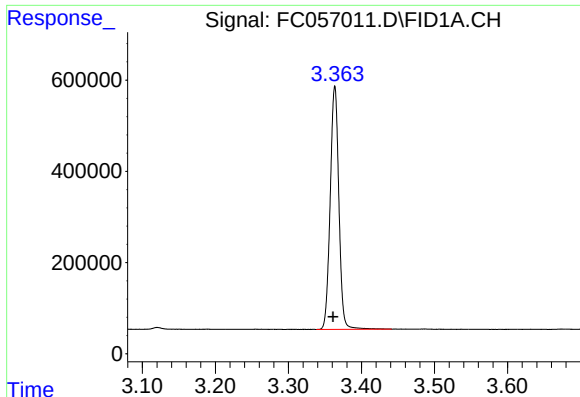
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#1 n-Nonane (C9)

R.T.: 3.364 min
Delta R.T.: 0.003 min
Response: 4384103
Conc: 43.26 ug/ml

Instrument :

FID_C

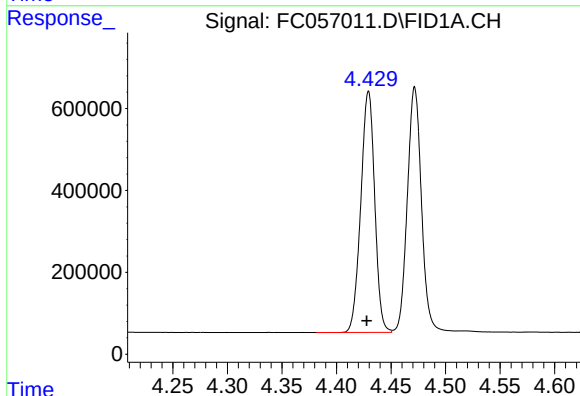
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PB140938BS

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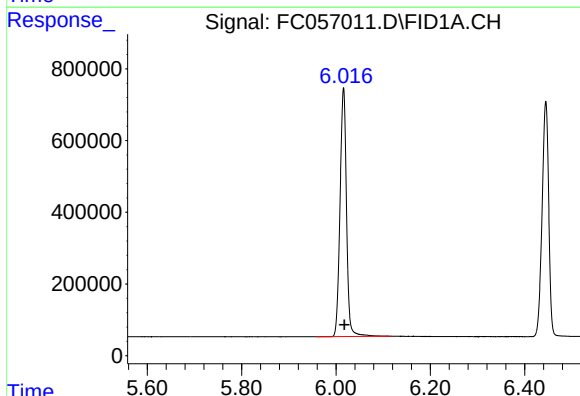
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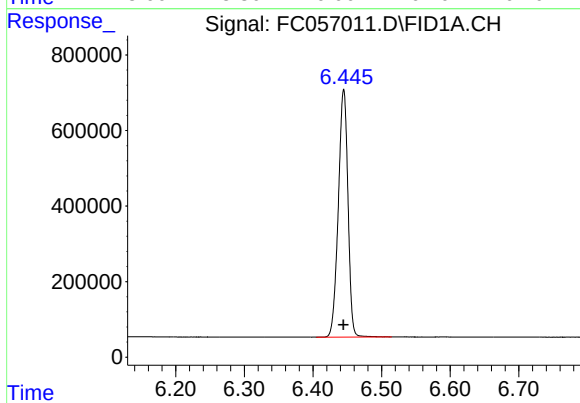
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: 0.002 min
Response: 5231672
Conc: 52.24 ug/ml



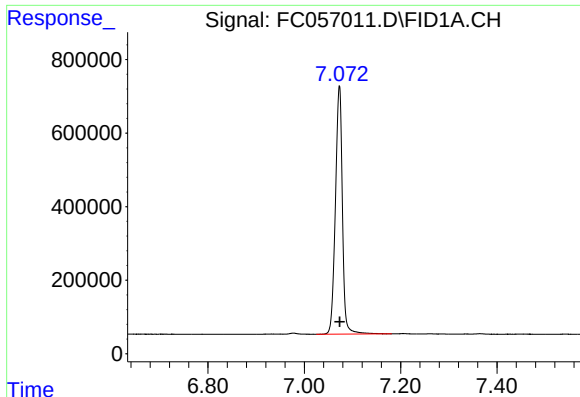
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 6586345
Conc: 58.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.445 min
Delta R.T.: 0.000 min
Response: 6383837
Conc: 62.96 ug/ml



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

R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 6816491
Conc: 61.82 ug/ml

Instrument :

FID_C

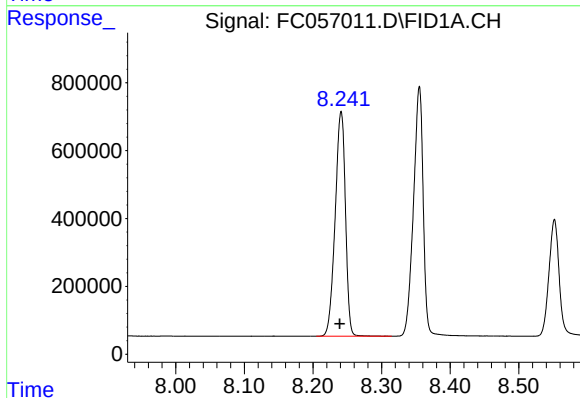
ClientSampleId :

PB140938BS

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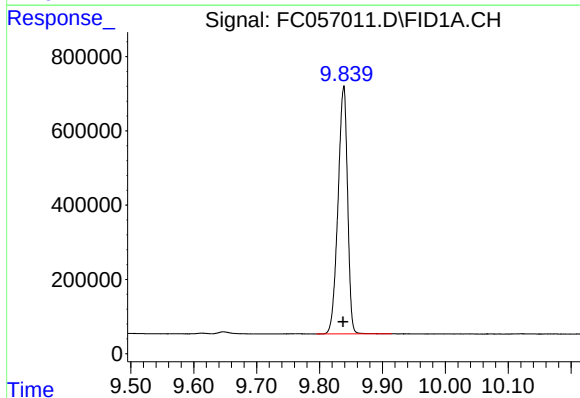
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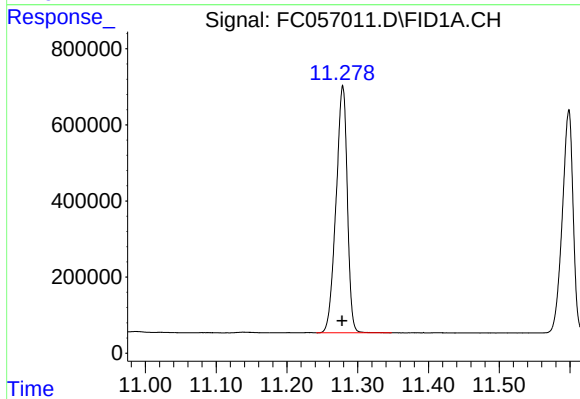
#6 n-Tetradecane (C14)

R.T.: 8.241 min
Delta R.T.: 0.002 min
Response: 6889705
Conc: 68.00 ug/ml



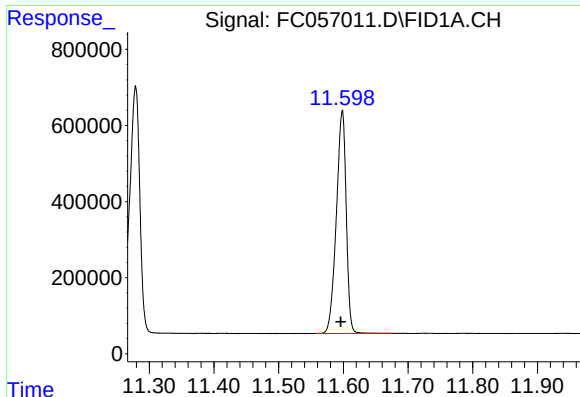
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 7042662
Conc: 68.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: 0.000 min
Response: 7189777
Conc: 67.11 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: 0.002 min
Response: 6210769
Conc: 53.52 ug/ml

Instrument :

FID_C

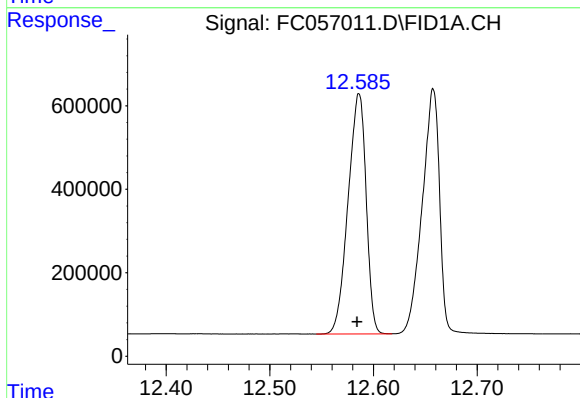
ClientSampleId :

PB140938BS

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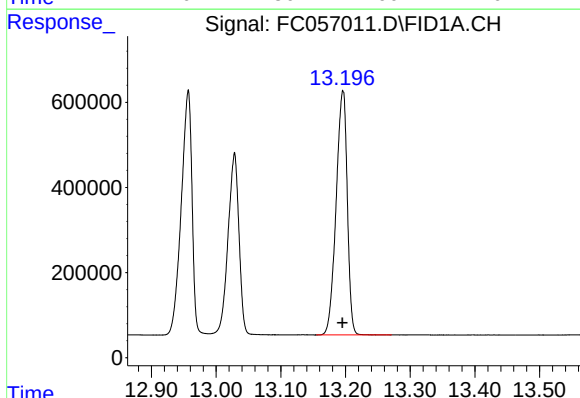
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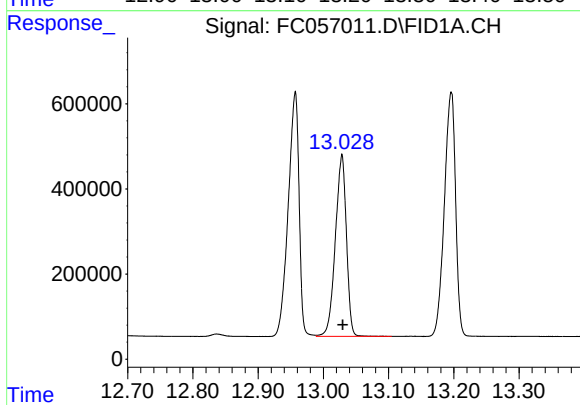
#10 n-Eicosane (C20)

R.T.: 12.586 min
Delta R.T.: 0.001 min
Response: 6966758
Conc: 65.14 ug/ml



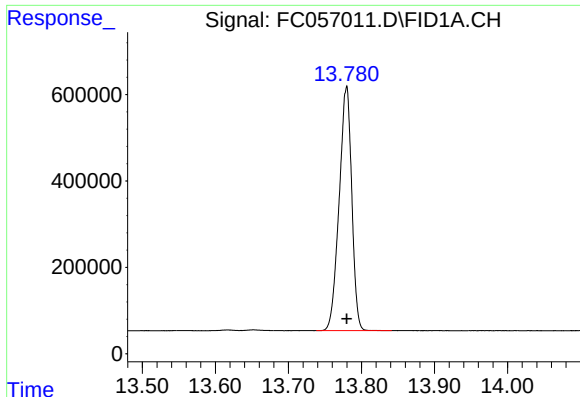
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 6872993
Conc: 63.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.028 min
Delta R.T.: -0.002 min
Response: 5031598
Conc: 55.27 ug/ml



#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: 0.000 min
Response: 6771262
Conc: 63.20 ug/ml

Instrument :

FID_C

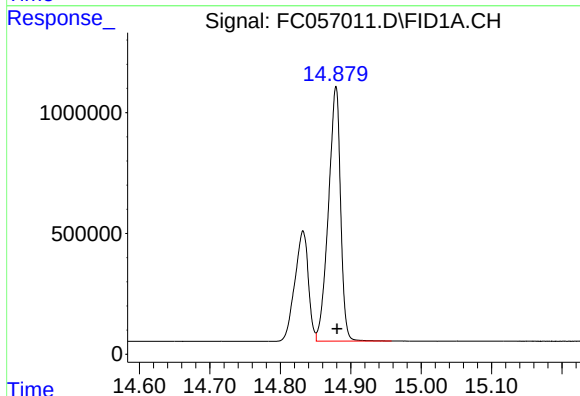
ClientSampleId :

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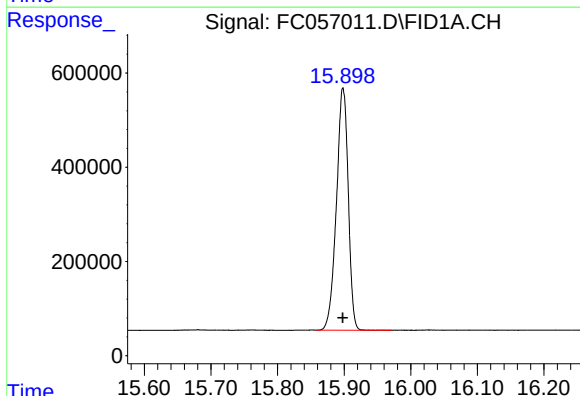
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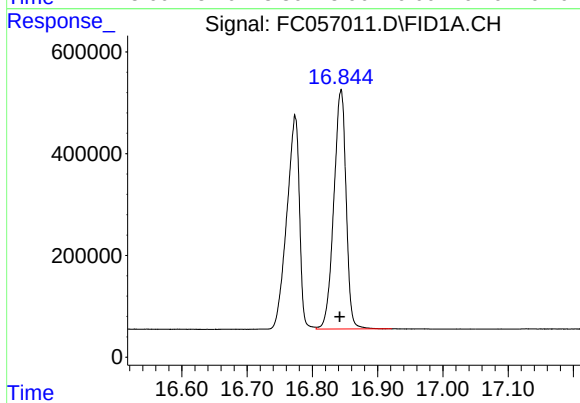
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.002 min
Response: 12624619
Conc: 116.62 ug/ml



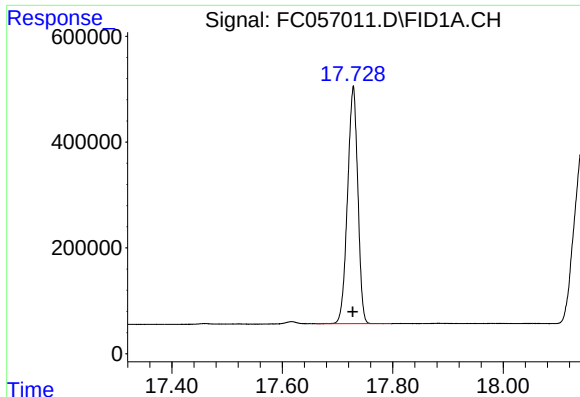
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 6333015
Conc: 59.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.001 min
Response: 6150800
Conc: 57.66 ug/ml



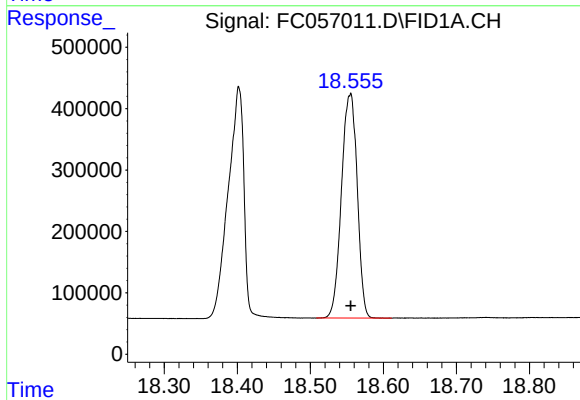
#17 n-Tricontane (C30)

R.T.: 17.728 min
Delta R.T.: 0.000 min
Response: 5788434
Conc: 54.31 ug/ml

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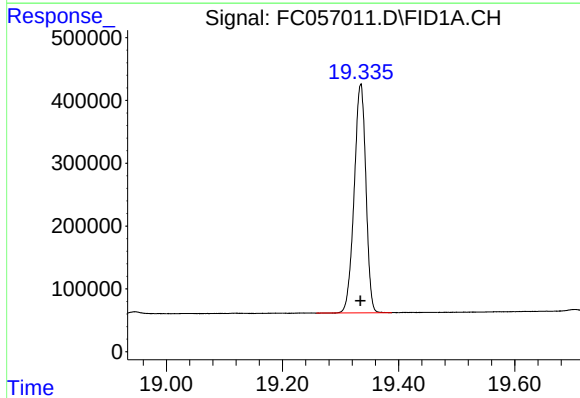
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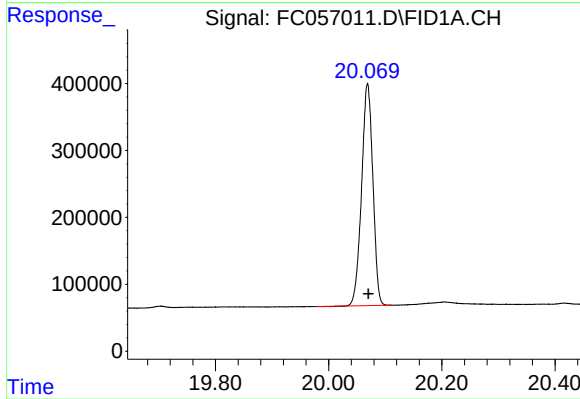
#18 n-Dotriacontane (C32)

R.T.: 18.554 min
Delta R.T.: -0.001 min
Response: 5472401
Conc: 51.88 ug/ml



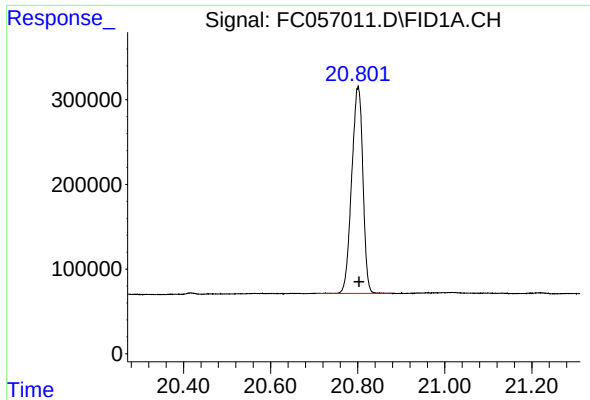
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.000 min
Response: 5095711
Conc: 49.05 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.002 min
Response: 4592696
Conc: 45.47 ug/ml



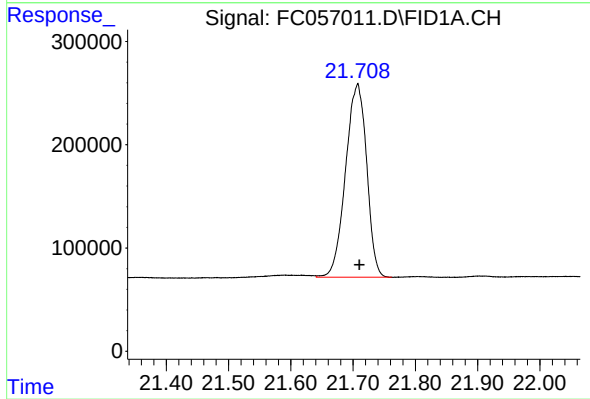
#21 n-Octatriacontane (C38)

R.T.: 20.801 min
Delta R.T.: -0.002 min
Response: 4351776
Conc: 47.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: -0.003 min
Response: 4403990
Conc: 48.89 ug/ml m