

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112321AL\
 Data File : FC057034.D
 Signal(s) : FID1A.CH
 Acq On : 23 Nov 2021 20:18
 Operator : AJ\MA
 Sample : M4758-40MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP20-BMS

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 02:15:02 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)	11.595	3527750	30.399 ug/mlm
Spiked Amount 50.000		Recovery =	60.80%
12) S 1-chlorooctadecane (S...	13.026	2905857	31.919 ug/ml
Spiked Amount 50.000		Recovery =	63.84%
Target Compounds			
1) T n-Nonane (C9)	3.357	3685709	36.373 ug/ml
2) T n-Decane (C10)	4.426	4227921	42.221 ug/ml
3) T A~Naphthalene (C11.7)	6.014	4829377	43.250 ug/mlm
4) T n-Dodecane (C12)	6.443	4593883	45.308 ug/ml
5) T A~2-methylnaphthalene...	7.071	4870951	44.177 ug/ml
6) T n-Tetradecane (C14)	8.239	4866878	48.035 ug/ml
7) T n-Hexadecane (C16)	9.837	5230687	50.973 ug/ml
8) T n-Octadecane (C18)	11.277	5626996	52.521 ug/ml
10) T n-Eicosane (C20)	12.584	5563322	52.015 ug/ml
11) T n-Heneicosane (C21)	13.195	5511594	50.895 ug/ml
13) T n-Docosane (C22)	13.780	5422045	50.610 ug/ml
14) T n-Tetracosane (C24)	14.878	10124547	93.524 ug/ml
15) T n-Hexacosane (C26)	15.898	5087681	47.764 ug/ml
16) T n-Octacosane (C28)	16.844	4760110	44.626 ug/ml
17) T n-Tricontane (C30)	17.730	4716719	44.253 ug/ml
18) T n-Dotriacontane (C32)	18.556	4602807	43.637 ug/ml
19) T n-Tetratriacontane (C34)	19.336	4503509	43.350 ug/ml
20) T n-Hexatriacontane (C36)	20.071	4002571	39.627 ug/ml
21) T n-Octatriacontane (C38)	20.803	3872093	42.181 ug/ml
22) T n-Tetracontane (C40)	21.708	3892187	43.206 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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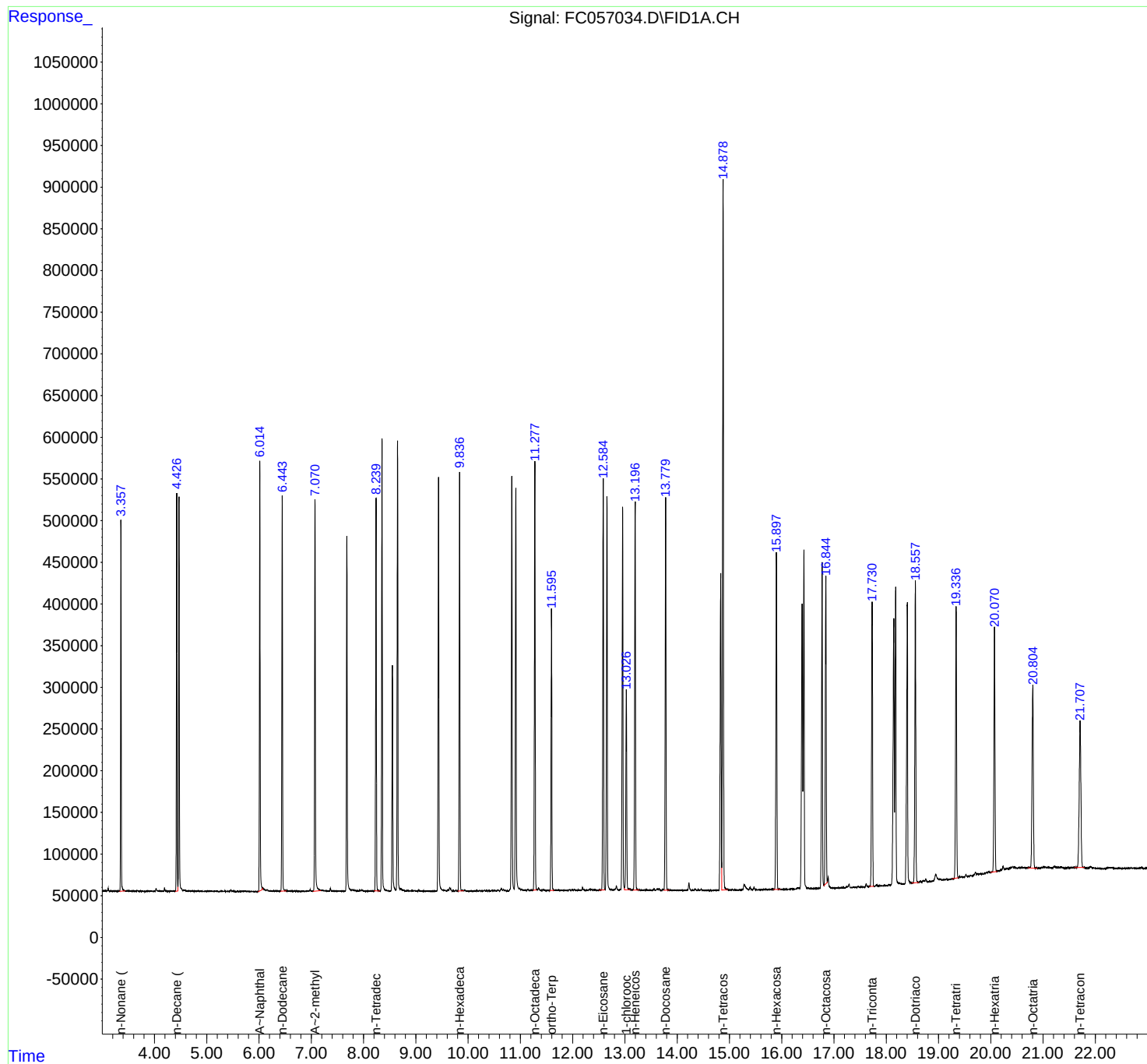
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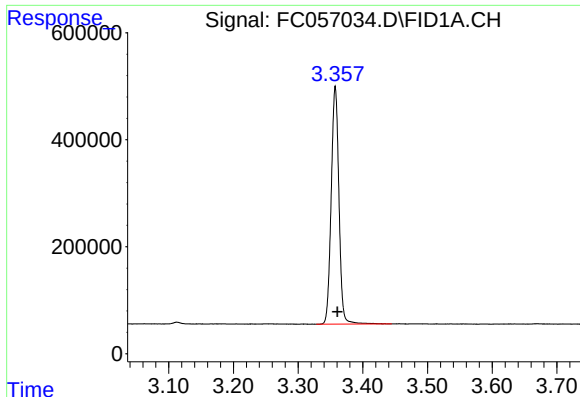
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#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 3685709
Conc: 36.37 ug/ml

Instrument :

FID_C

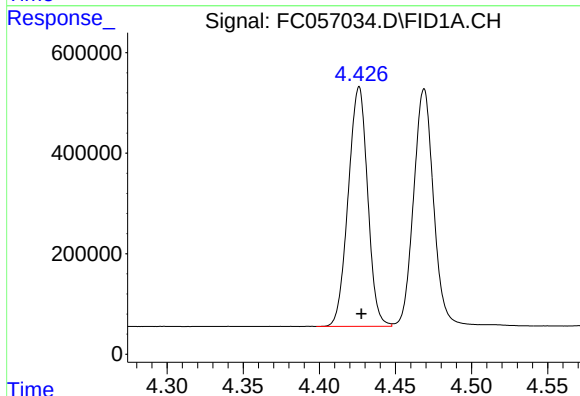
ClientSampleId :

TP20-BMS

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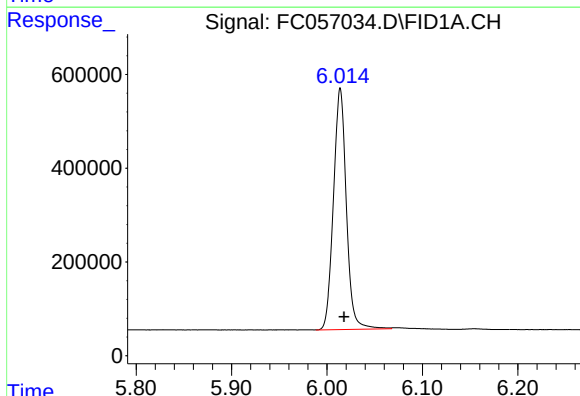
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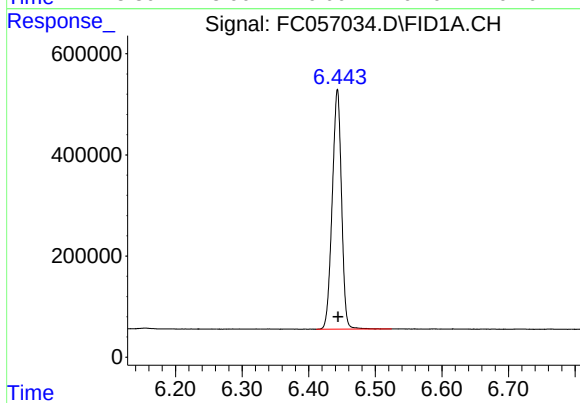
#2 n-Decane (C10)

R.T.: 4.426 min
Delta R.T.: -0.002 min
Response: 4227921
Conc: 42.22 ug/ml



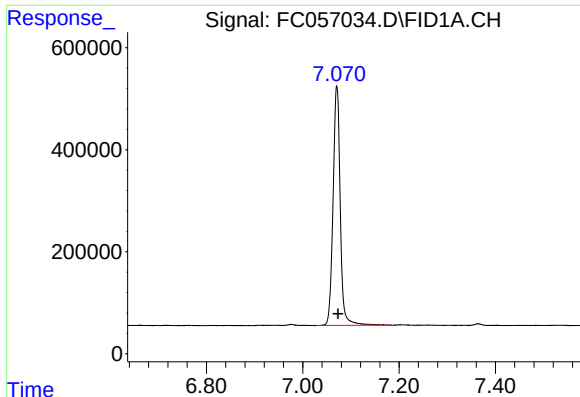
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 4829377
Conc: 43.25 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.001 min
Response: 4593883
Conc: 45.31 ug/ml



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

R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 4870951
Conc: 44.18 ug/ml

Instrument :

FID_C

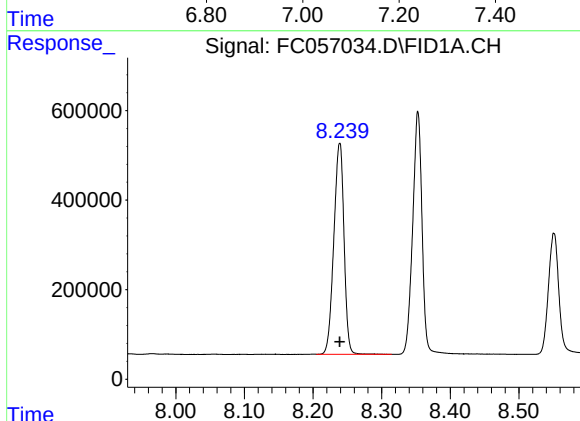
ClientSampleId :

TP20-BMS

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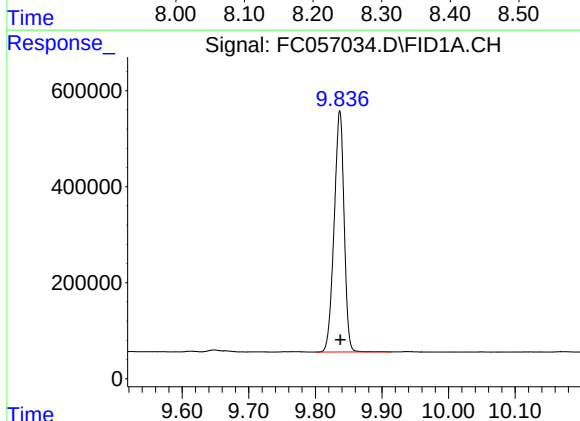
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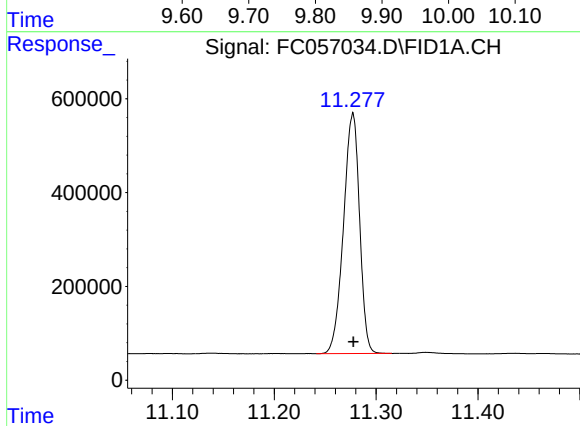
#6 n-Tetradecane (C14)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 4866878
Conc: 48.03 ug/ml



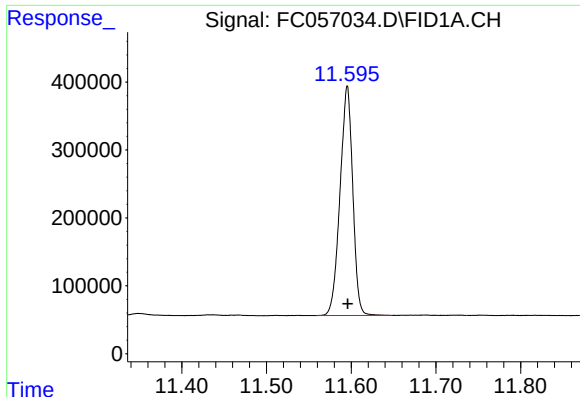
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: -0.001 min
Response: 5230687
Conc: 50.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.277 min
Delta R.T.: 0.000 min
Response: 5626996
Conc: 52.52 ug/ml



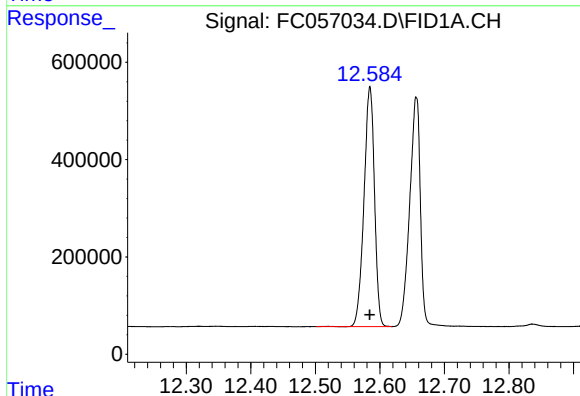
#9 ortho-Terphenyl (SURR)

R.T.: 11.595 min
Delta R.T.: 0.000 min
Response: 3527750
Conc: 30.40 ug/ml

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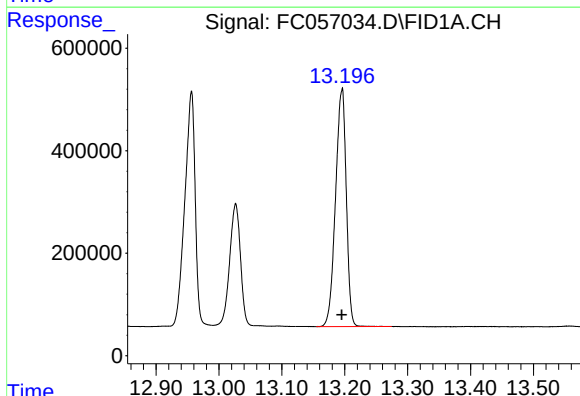
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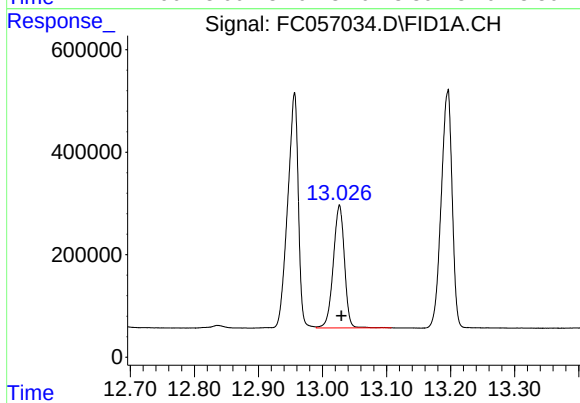
#10 n-Eicosane (C20)

R.T.: 12.584 min
Delta R.T.: 0.000 min
Response: 5563322
Conc: 52.02 ug/ml



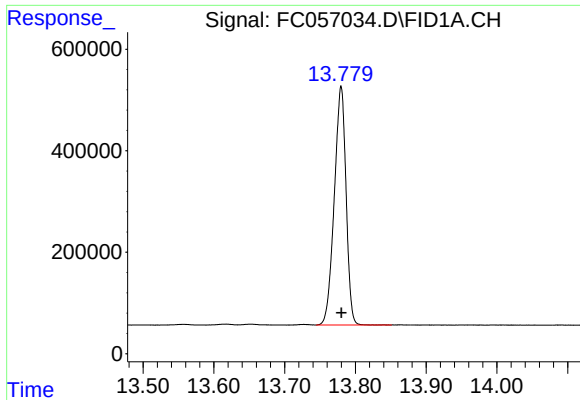
#11 n-Heneicosane (C21)

R.T.: 13.195 min
Delta R.T.: 0.000 min
Response: 5511594
Conc: 50.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.026 min
Delta R.T.: -0.003 min
Response: 2905857
Conc: 31.92 ug/ml



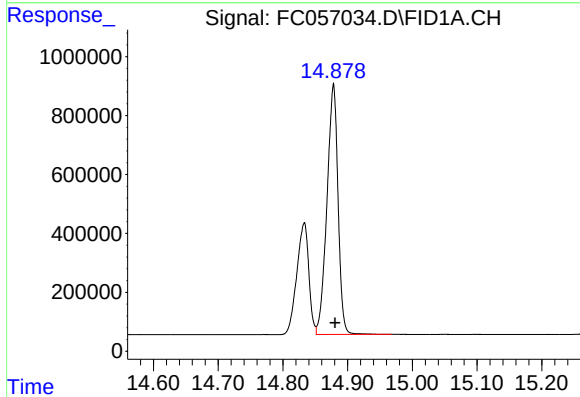
#13 n-Docosane (C22)

R.T.: 13.780 min
Delta R.T.: 0.000 min
Response: 5422045
Conc: 50.61 ug/ml

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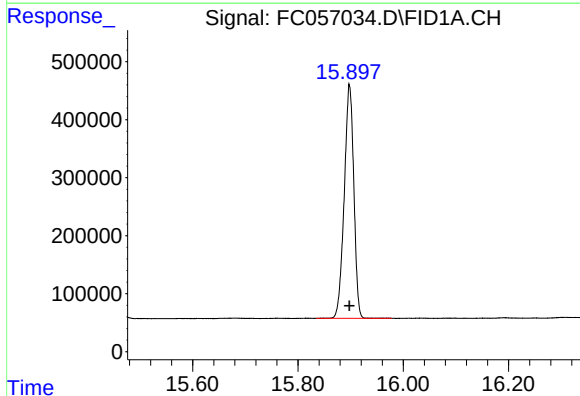
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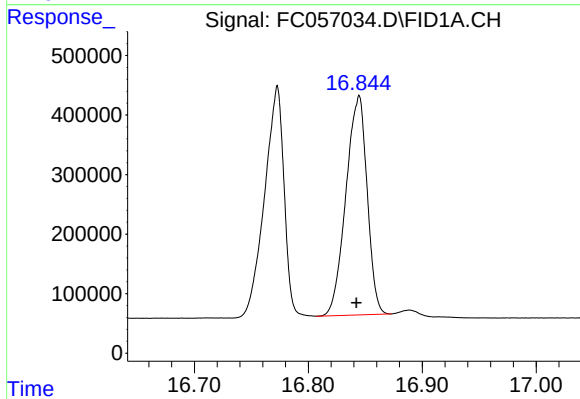
#14 n-Tetracosane (C24)

R.T.: 14.878 min
Delta R.T.: -0.003 min
Response: 10124547
Conc: 93.52 ug/ml



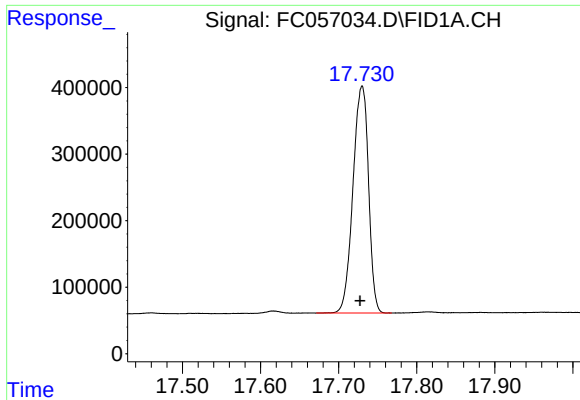
#15 n-Hexacosane (C26)

R.T.: 15.898 min
Delta R.T.: 0.000 min
Response: 5087681
Conc: 47.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.844 min
Delta R.T.: 0.002 min
Response: 4760110
Conc: 44.63 ug/ml



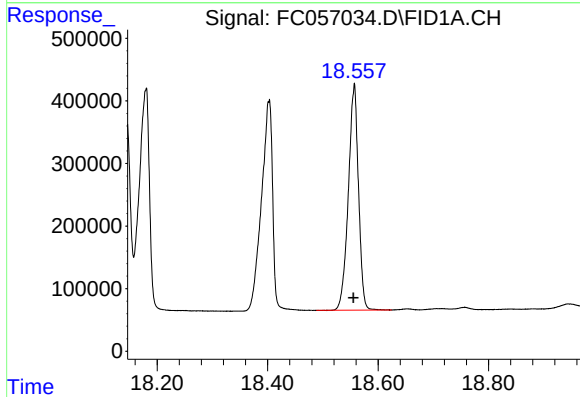
#17 n-Tricontane (C30)

R.T.: 17.730 min
Delta R.T.: 0.002 min
Response: 4716719
Conc: 44.25 ug/ml

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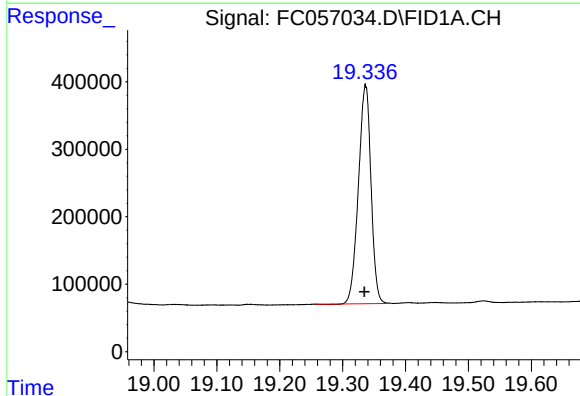
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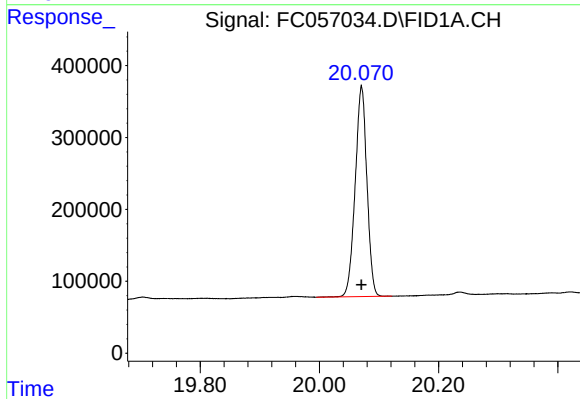
#18 n-Dotriacontane (C32)

R.T.: 18.556 min
Delta R.T.: 0.000 min
Response: 4602807
Conc: 43.64 ug/ml



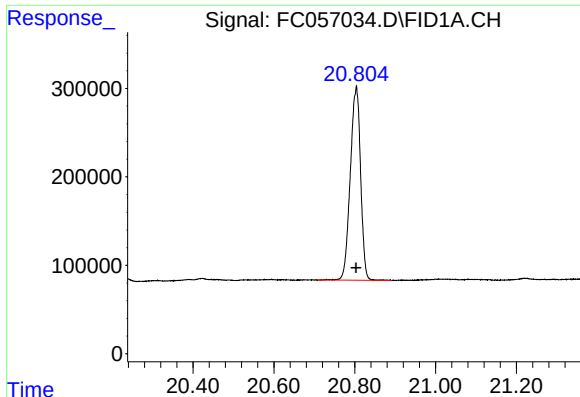
#19 n-Tetratriacontane (C34)

R.T.: 19.336 min
Delta R.T.: 0.002 min
Response: 4503509
Conc: 43.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.071 min
Delta R.T.: 0.000 min
Response: 4002571
Conc: 39.63 ug/ml



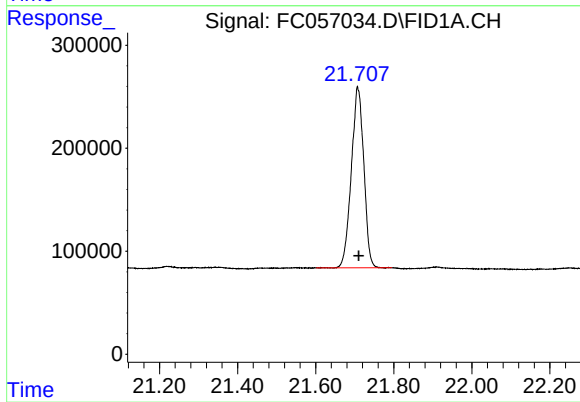
#21 n-Octatriacontane (C38)

R.T.: 20.803 min
Delta R.T.: 0.000 min
Response: 3872093
Conc: 42.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: -0.002 min
Response: 3892187
Conc: 43.21 ug/ml