

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050721AL\
 Data File : FC053567.D
 Signal(s) : FID1A.CH
 Acq On : 07 May 2021 11:35
 Operator : DD\AJ
 Sample : PB135985BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB135985BSD

Manual Integrations
 APPROVED

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 5/10/2021 8:54:15 AM

Integration File: autoint1.e
 Quant Time: May 07 12:54:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.535	6796732	49.092 ug/ml
Spiked Amount 50.000		Recovery =	98.18%
12) S 1-chlorooctadecane (S...	12.975	5532065	49.600 ug/ml
Spiked Amount 50.000		Recovery =	99.20%
Target Compounds			
1) T n-Nonane (C9)	3.303	5011927	42.433 ug/ml
2) T n-Decane (C10)	4.362	5316622	44.898 ug/ml
3) T A~Naphthalene (C11.7)	5.940	6133538	47.072 ug/ml
4) T n-Dodecane (C12)	6.376	5757360	47.580 ug/ml
5) T A~2-methylnaphthalene...	6.998	6240363	47.200 ug/ml
6) T n-Tetradecane (C14)	8.176	6340406	52.049 ug/ml
7) T n-Hexadecane (C16)	9.777	6926432	56.553 ug/ml
8) T n-Octadecane (C18)	11.222	7341724	56.374 ug/ml
10) T n-Eicosane (C20)	12.533	7192474	54.340 ug/ml
11) T n-Heneicosane (C21)	13.144	7149428	53.832 ug/ml
13) T n-Docosane (C22)	13.731	7076642	53.203 ug/ml
14) T n-Tetracosane (C24)	14.833	5140198	38.508 ug/mlm
15) T n-Hexacosane (C26)	15.859	6563056	49.641 ug/ml
16) T n-Octacosane (C28)	16.808	6455650	49.316 ug/ml
17) T n-Tricontane (C30)	17.697	5893308	45.184 ug/ml
18) T n-Dotriacontane (C32)	18.528	5500577	43.593 ug/ml
19) T n-Tetratriacontane (C34)	19.313	5238297	42.993 ug/ml
20) T n-Hexatriacontane (C36)	20.053	5071863	43.380 ug/ml
21) T n-Octatriacontane (C38)	20.784	4769103	46.359 ug/ml
22) T n-Tetracontane (C40)	21.679	4844999	48.622 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 07 May 2021 11:35
Operator : DD\AJ
Sample : PB135985BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

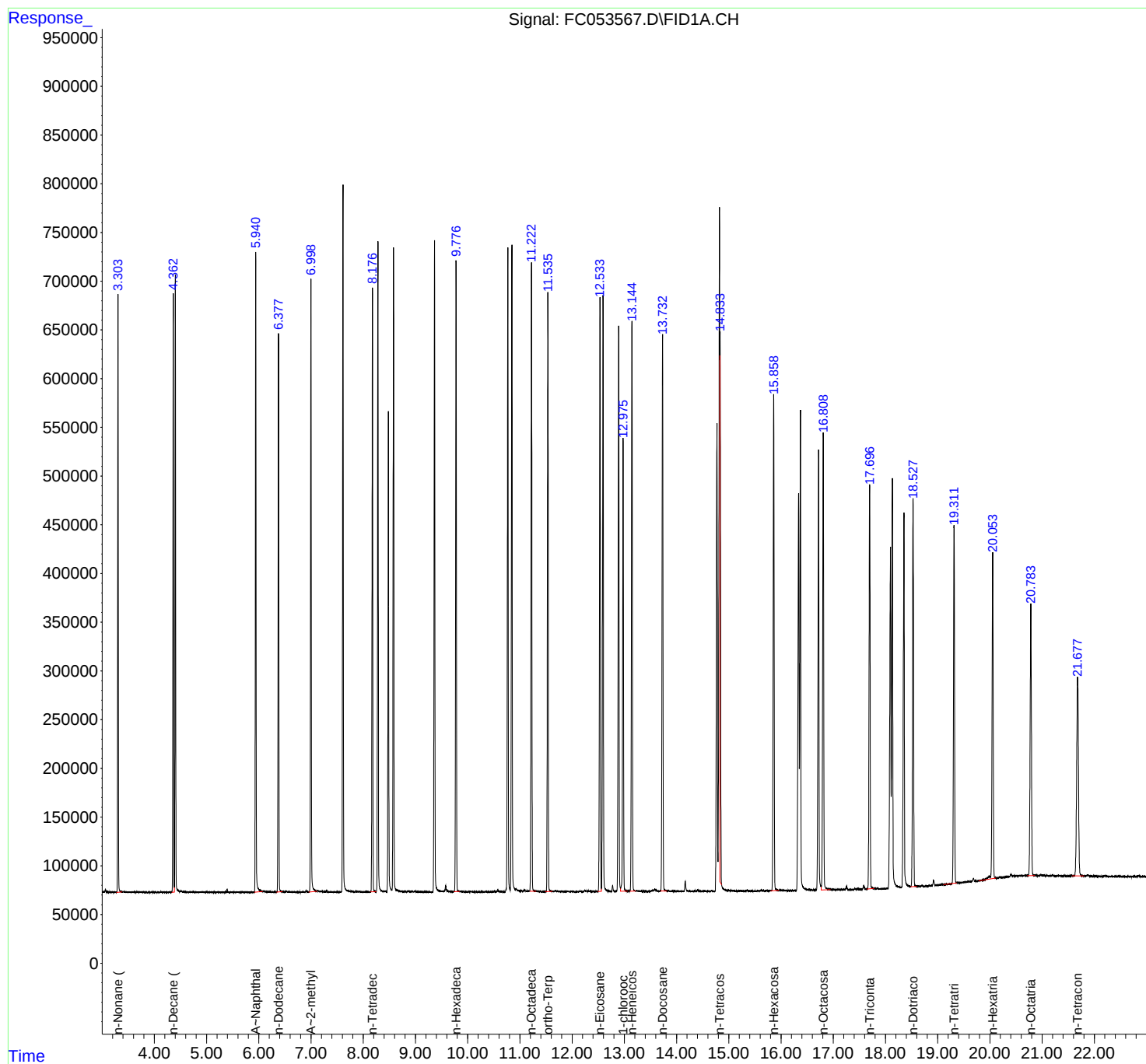
Instrument :
FID_C
ClientSampled :
PB135985BSD

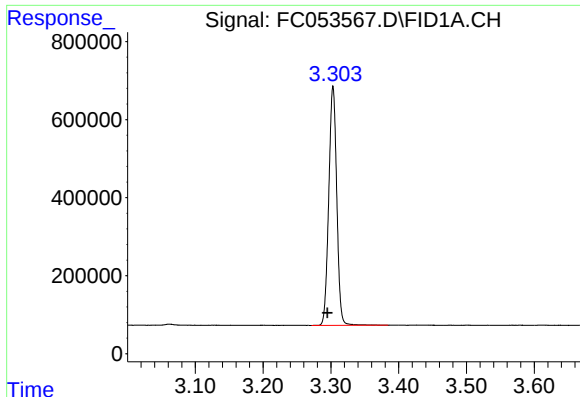
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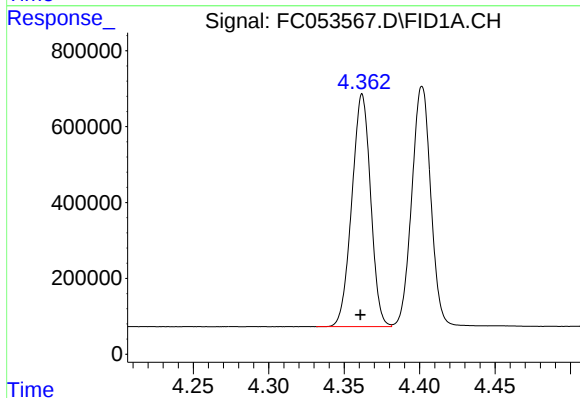
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: 0.008 min
Response: 5011927
Conc: 42.43 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135985BSD

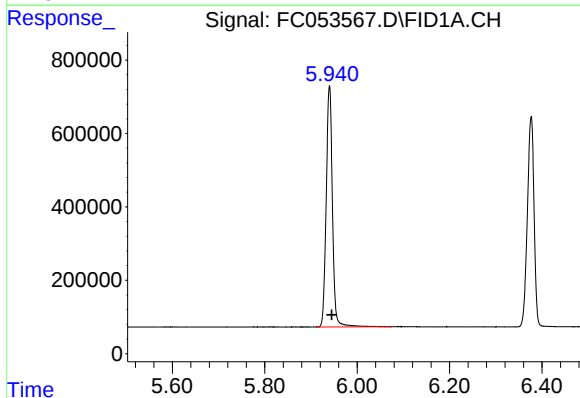
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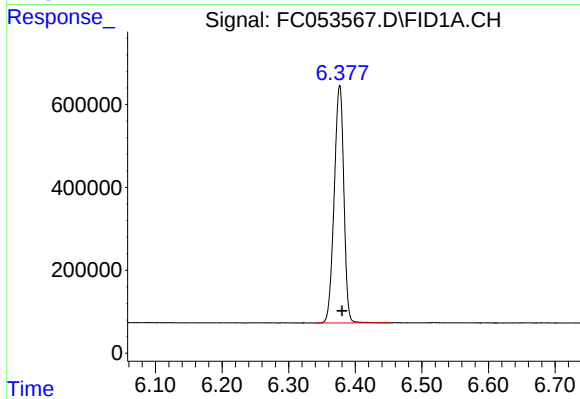
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: 0.001 min
Response: 5316622
Conc: 44.90 ug/ml



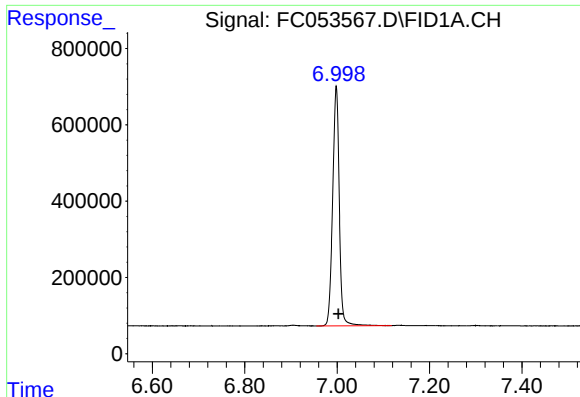
#3 A~Naphthalene (C11.7)

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 6133538
Conc: 47.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.376 min
Delta R.T.: -0.004 min
Response: 5757360
Conc: 47.58 ug/ml



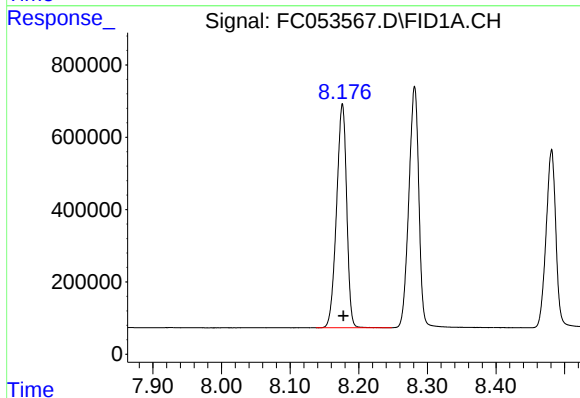
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 6240363
Conc: 47.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135985BSD

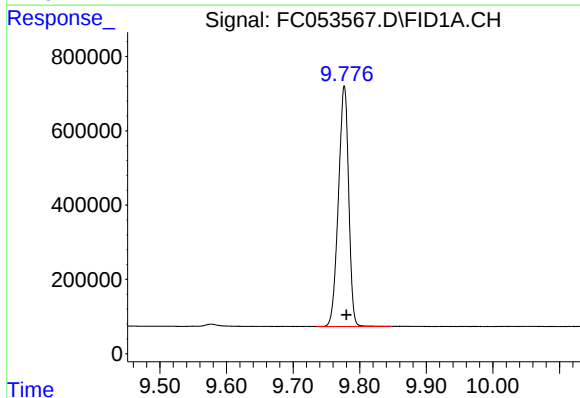
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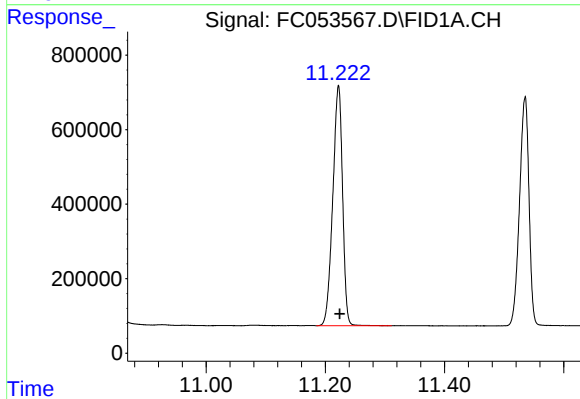
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 6340406
Conc: 52.05 ug/ml



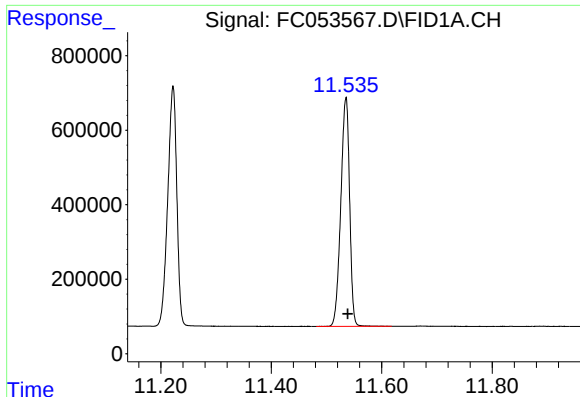
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: -0.004 min
Response: 6926432
Conc: 56.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.222 min
Delta R.T.: -0.002 min
Response: 7341724
Conc: 56.37 ug/ml



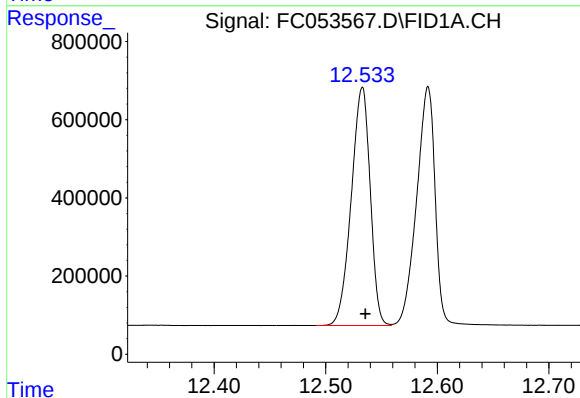
#9 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.003 min
Response: 6796732
Conc: 49.09 ug/ml

Instrument :
FID_C
ClientSampleId :
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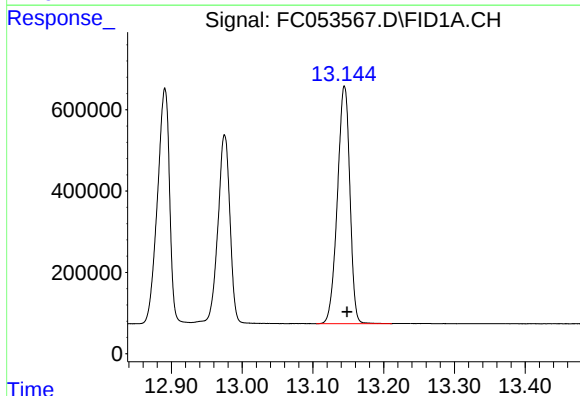
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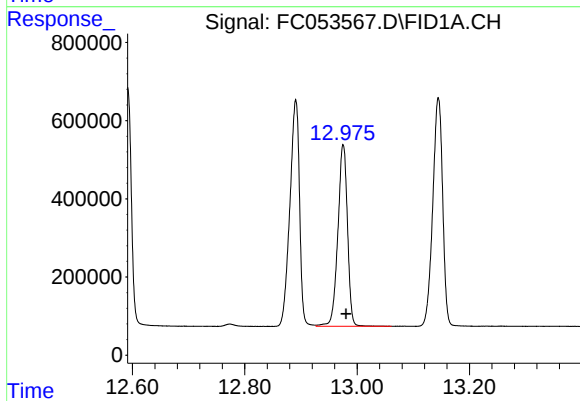
#10 n-Eicosane (C20)

R.T.: 12.533 min
Delta R.T.: -0.003 min
Response: 7192474
Conc: 54.34 ug/ml



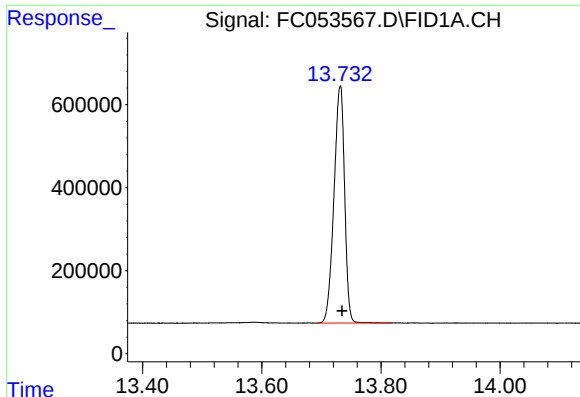
#11 n-Heneicosane (C21)

R.T.: 13.144 min
Delta R.T.: -0.004 min
Response: 7149428
Conc: 53.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.975 min
Delta R.T.: -0.005 min
Response: 5532065
Conc: 49.60 ug/ml



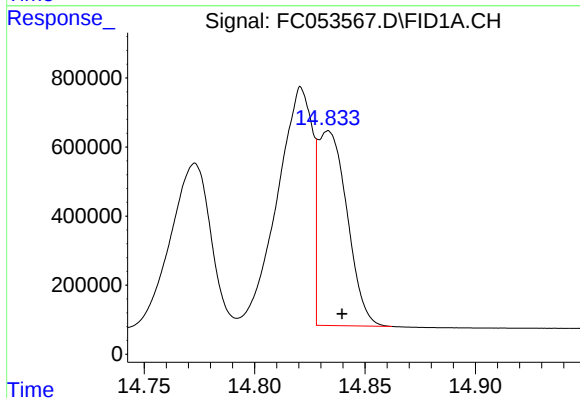
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: -0.004 min
Response: 7076642
Conc: 53.20 ug/ml

Instrument :
FID_C
ClientSampleId :
PB135985BSD

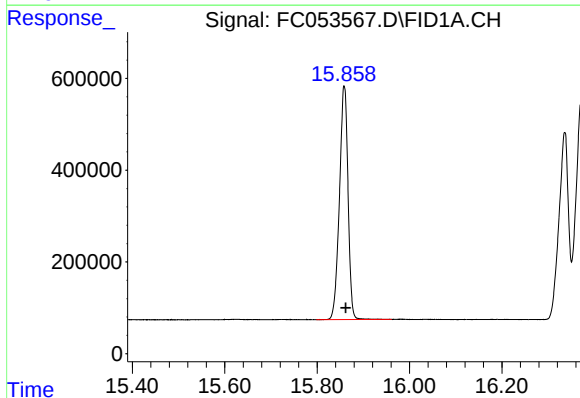
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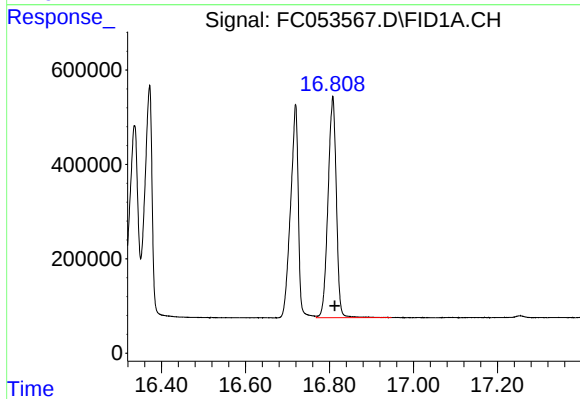
#14 n-Tetracosane (C24)

R.T.: 14.833 min
Delta R.T.: -0.006 min
Response: 5140198
Conc: 38.51 ug/ml m



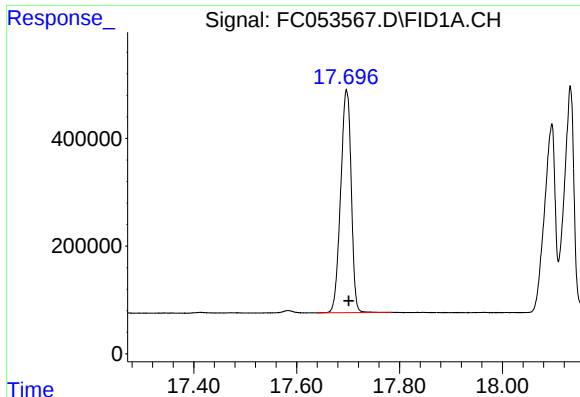
#15 n-Hexacosane (C26)

R.T.: 15.859 min
Delta R.T.: -0.003 min
Response: 6563056
Conc: 49.64 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.808 min
Delta R.T.: -0.005 min
Response: 6455650
Conc: 49.32 ug/ml



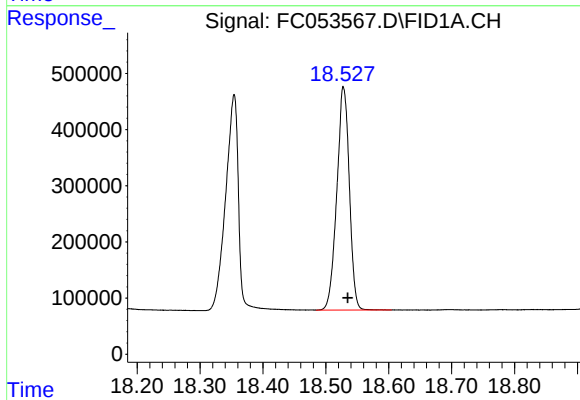
#17 n-Tricontane (C30)

R.T.: 17.697 min
Delta R.T.: -0.004 min
Response: 5893308
Conc: 45.18 ug/ml

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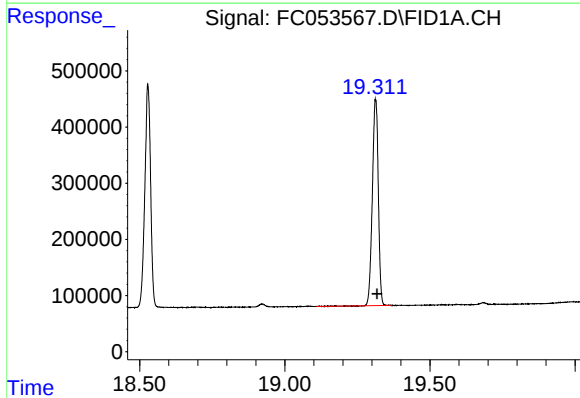
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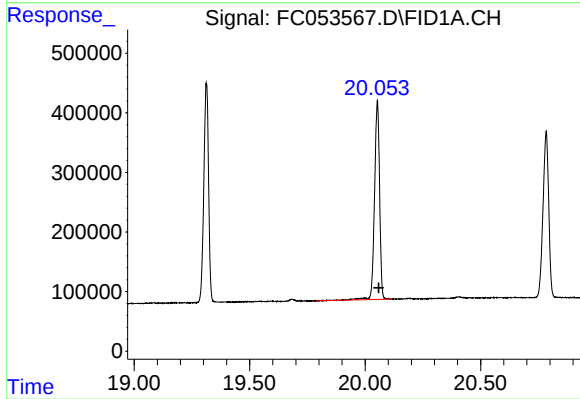
#18 n-Dotriacontane (C32)

R.T.: 18.528 min
Delta R.T.: -0.006 min
Response: 5500577
Conc: 43.59 ug/ml



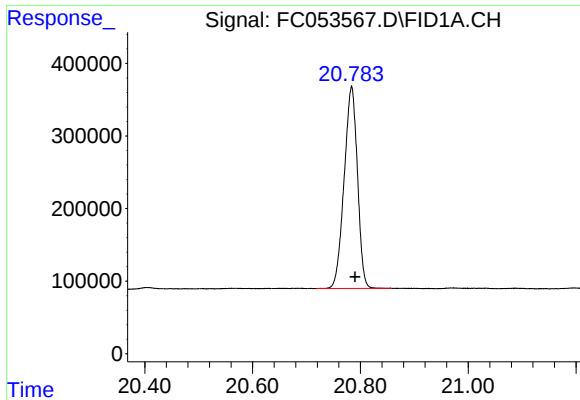
#19 n-Tetratriacontane (C34)

R.T.: 19.313 min
Delta R.T.: -0.005 min
Response: 5238297
Conc: 42.99 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.053 min
Delta R.T.: -0.007 min
Response: 5071863
Conc: 43.38 ug/ml



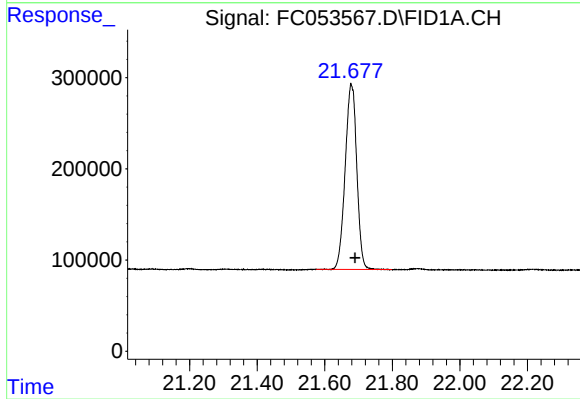
#21 n-Octatriacontane (C38)

R.T.: 20.784 min
Delta R.T.: -0.007 min
Response: 4769103
Conc: 46.36 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.679 min
Delta R.T.: -0.011 min
Response: 4844999
Conc: 48.62 ug/ml