

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060721AL\
 Data File : FC054087.D
 Signal(s) : FID1A.CH
 Acq On : 07 Jun 2021 15:31
 Operator : DD\AJ
 Sample : M2612-17MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 18-B12(70-74)MS

Manual Integrations
 APPROVED

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Integration File: autoint1.e
 Quant Time: Jun 08 02:57:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 052721.M
 Quant Title : GC Extractables
 QLast Update : Fri May 28 09:04:47 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)	11.360	5792878	41.489 ug/ml
Spiked Amount 50.000		Recovery =	82.98%
12) S 1-chlorooctadecane (S...	12.805	4420379	39.426 ug/ml
Spiked Amount 50.000		Recovery =	78.85%
Target Compounds			
1) T n-Nonane (C9)	3.162	4258589	36.046 ug/ml
2) T n-Decane (C10)	4.220	5106725	42.845 ug/ml
3) T A~Naphthalene (C11.7)	5.786	6114315	46.751 ug/ml
4) T n-Dodecane (C12)	6.228	5799263	47.240 ug/ml
5) T A~2-methylnaphthalene...	6.841	6235270	46.709 ug/ml
6) T n-Tetradecane (C14)	8.021	6057359	48.834 ug/ml
7) T n-Hexadecane (C16)	9.616	5992342	48.096 ug/ml
8) T n-Octadecane (C18)	11.056	6026935	45.757 ug/ml
10) T n-Eicosane (C20)	12.364	5744017	42.854 ug/ml
11) T n-Heneicosane (C21)	12.975	5677561	42.331 ug/ml
13) T n-Docosane (C22)	13.561	5516850	41.047 ug/ml
14) T n-Tetracosane (C24)	14.663	5089907	37.909 ug/mlm
15) T n-Hexacosane (C26)	15.685	5275771	39.806 ug/ml
16) T n-Octacosane (C28)	16.632	5305506	40.181 ug/ml
17) T n-Tricontane (C30)	17.521	5116264	39.020 ug/ml
18) T n-Dotriacontane (C32)	18.351	5097695	39.517 ug/ml
19) T n-Tetratriacontane (C34)	19.135	4985349	40.865 ug/ml
20) T n-Hexatriacontane (C36)	19.876	4874486	43.176 ug/mlm
21) T n-Octatriacontane (C38)	20.584	4740361	47.013 ug/mlm
22) T n-Tetracontane (C40)	21.418	4816471	47.725 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

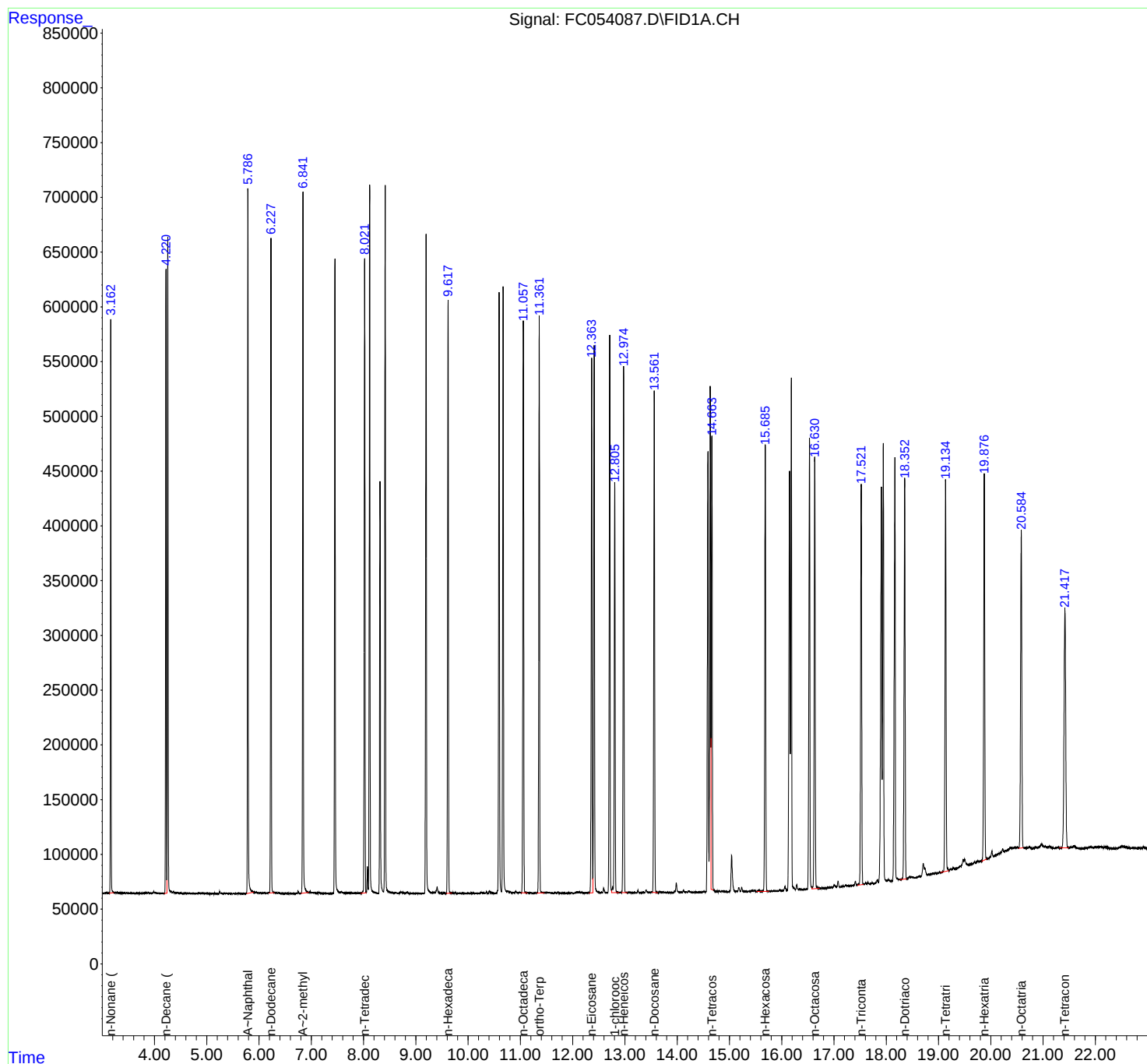
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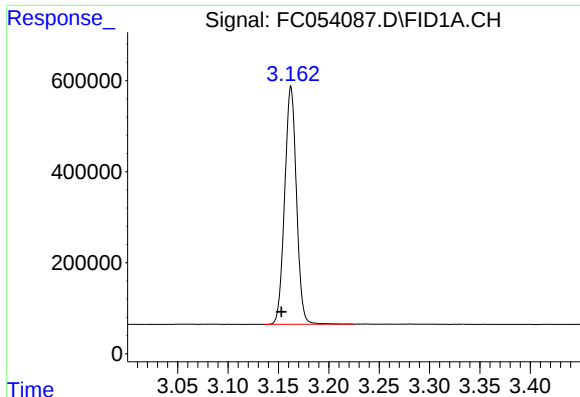
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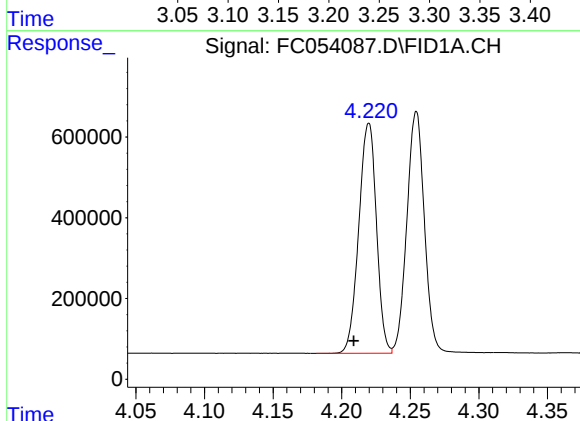
#1 n-Nonane (C9)

R.T.: 3.162 min
Delta R.T.: 0.009 min
Response: 4258589
Conc: 36.05 ug/ml

Instrument :
FID_C
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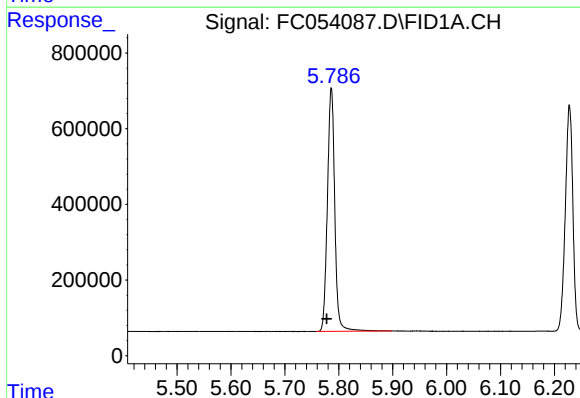
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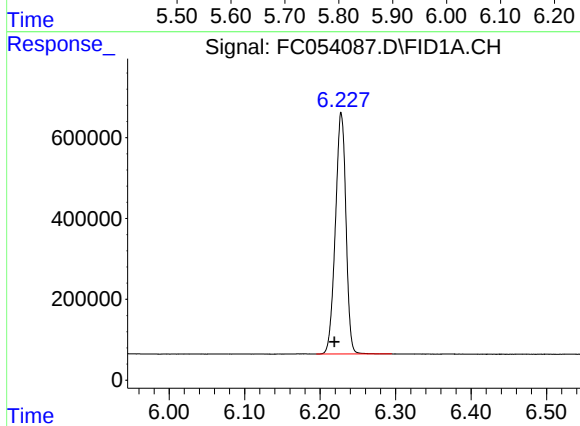
#2 n-Decane (C10)

R.T.: 4.220 min
Delta R.T.: 0.011 min
Response: 5106725
Conc: 42.85 ug/ml



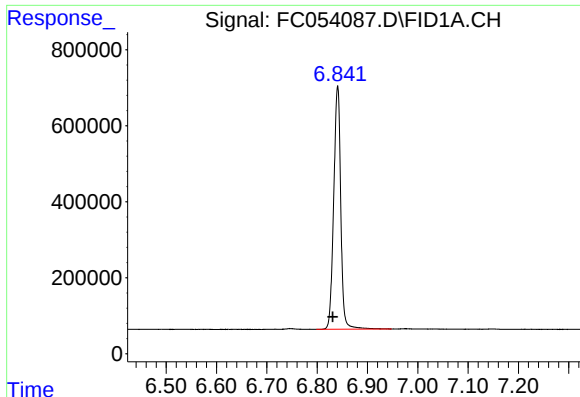
#3 A~Naphthalene (C11.7)

R.T.: 5.786 min
Delta R.T.: 0.008 min
Response: 6114315
Conc: 46.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.228 min
Delta R.T.: 0.009 min
Response: 5799263
Conc: 47.24 ug/ml



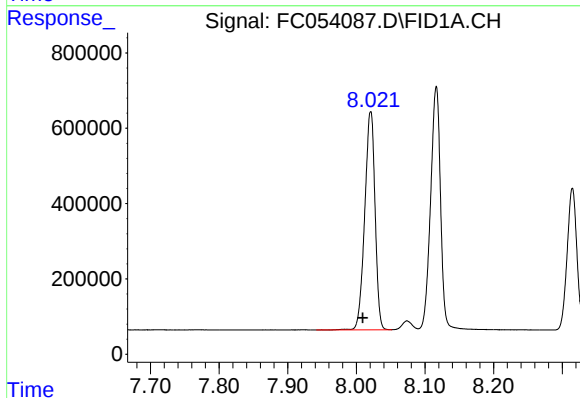
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.841 min
Delta R.T.: 0.010 min
Response: 6235270
Conc: 46.71 ug/ml

Instrument :
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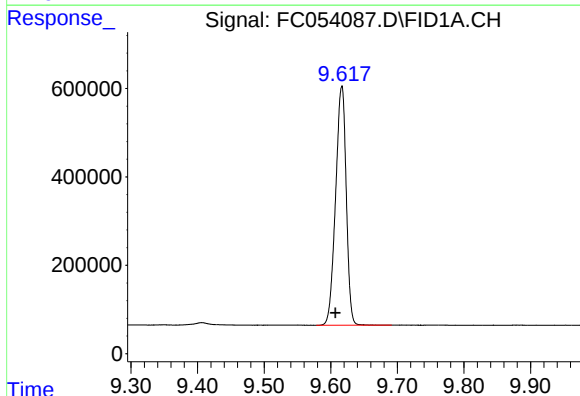
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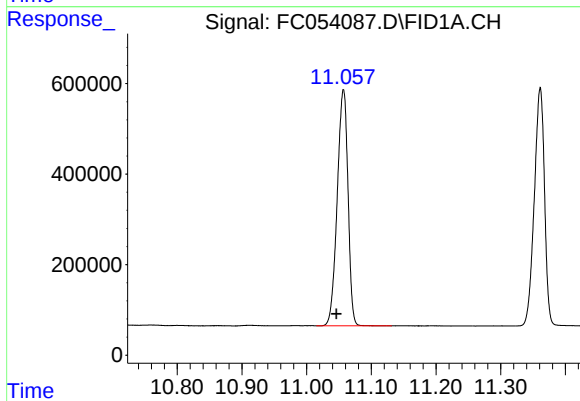
#6 n-Tetradecane (C14)

R.T.: 8.021 min
Delta R.T.: 0.011 min
Response: 6057359
Conc: 48.83 ug/ml



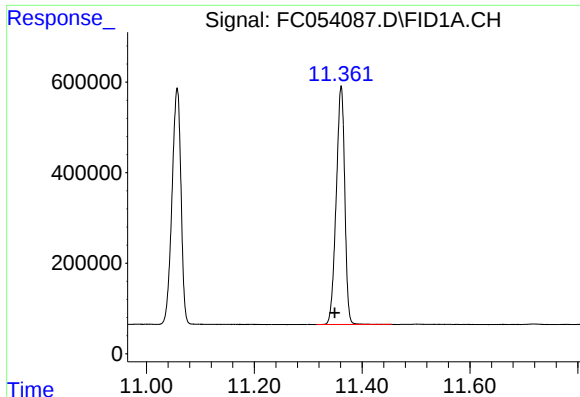
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.010 min
Response: 5992342
Conc: 48.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.056 min
Delta R.T.: 0.010 min
Response: 6026935
Conc: 45.76 ug/ml



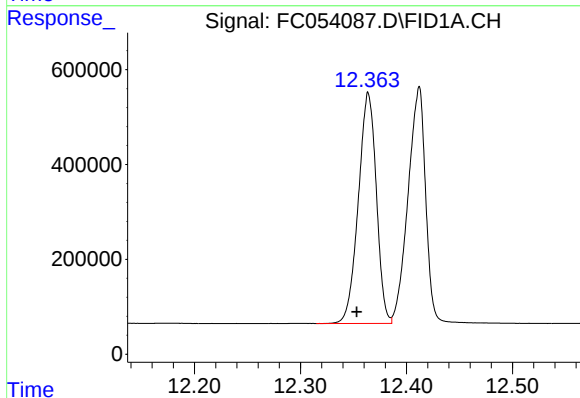
#9 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: 0.011 min
Response: 5792878
Conc: 41.49 ug/ml

Instrument :
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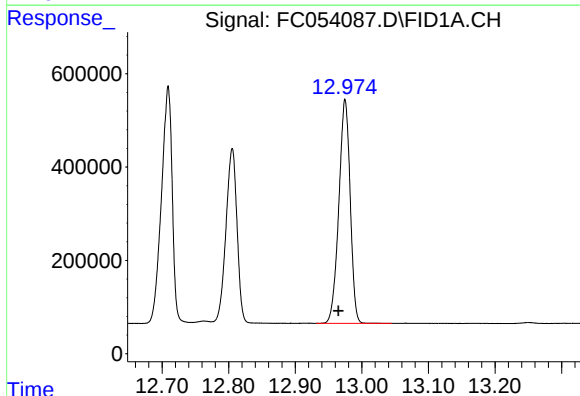
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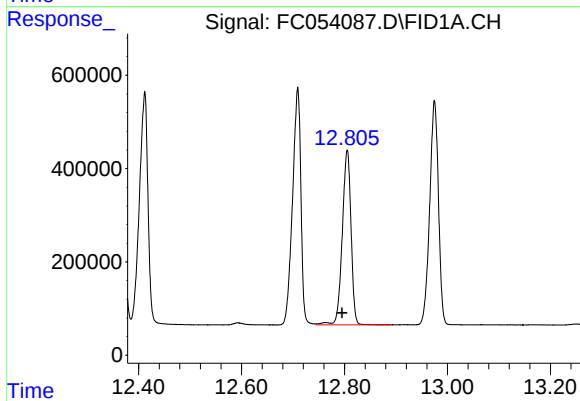
#10 n-Eicosane (C20)

R.T.: 12.364 min
Delta R.T.: 0.011 min
Response: 5744017
Conc: 42.85 ug/ml



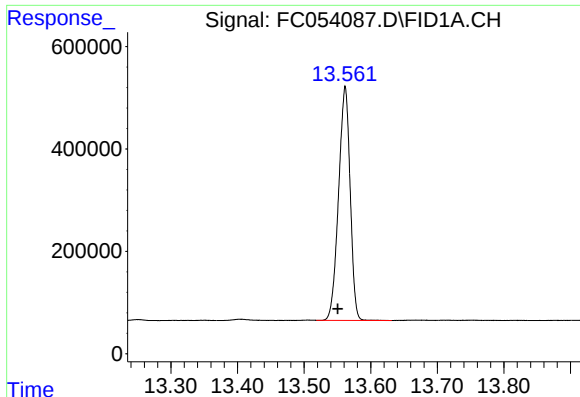
#11 n-Heneicosane (C21)

R.T.: 12.975 min
Delta R.T.: 0.010 min
Response: 5677561
Conc: 42.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.805 min
Delta R.T.: 0.009 min
Response: 4420379
Conc: 39.43 ug/ml



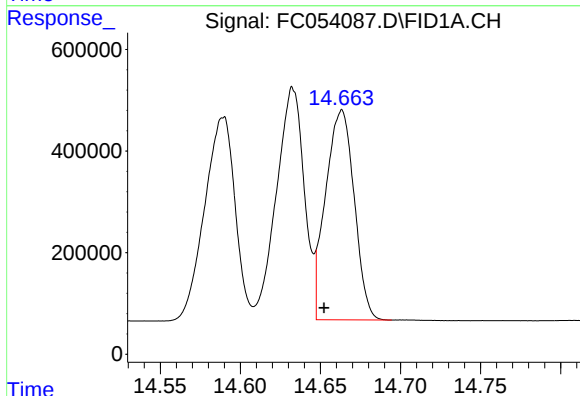
#13 n-Docosane (C22)

R.T.: 13.561 min
Delta R.T.: 0.011 min
Response: 5516850
Conc: 41.05 ug/ml

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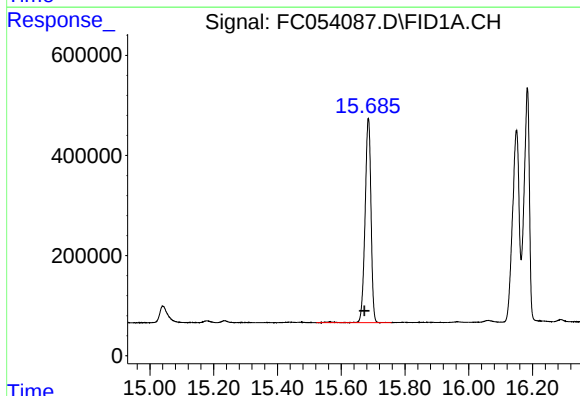
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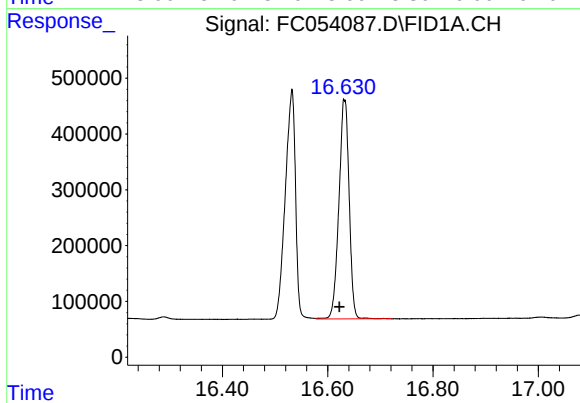
#14 n-Tetracosane (C24)

R.T.: 14.663 min
Delta R.T.: 0.011 min
Response: 5089907
Conc: 37.91 ug/ml m



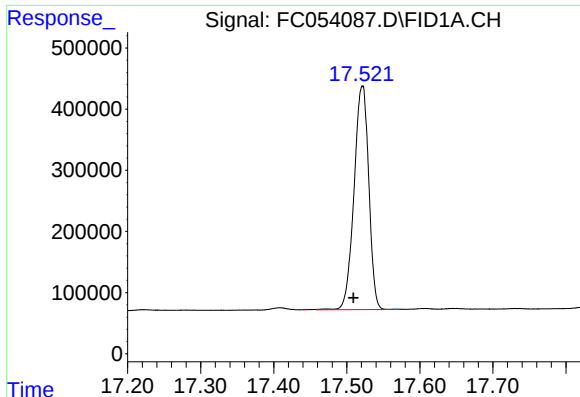
#15 n-Hexacosane (C26)

R.T.: 15.685 min
Delta R.T.: 0.012 min
Response: 5275771
Conc: 39.81 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.632 min
Delta R.T.: 0.010 min
Response: 5305506
Conc: 40.18 ug/ml



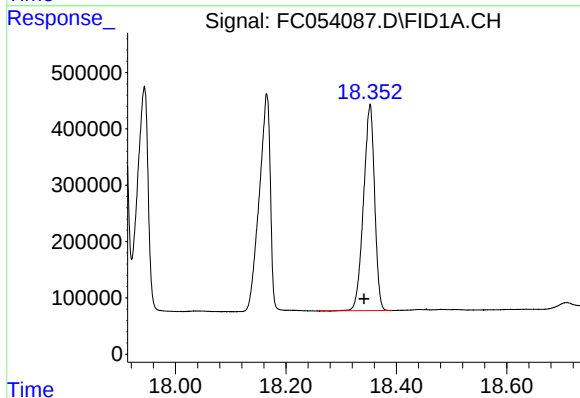
#17 n-Tricontane (C30)

R.T.: 17.521 min
Delta R.T.: 0.012 min
Response: 5116264
Conc: 39.02 ug/ml

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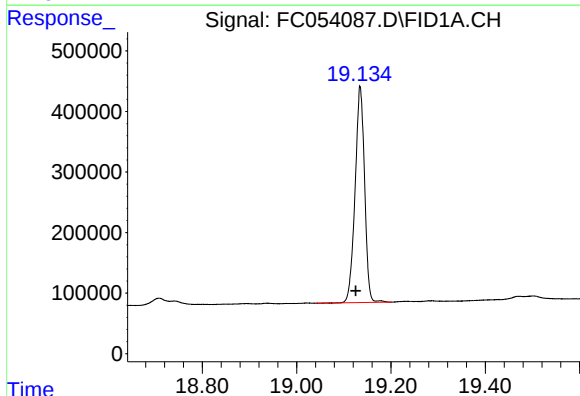
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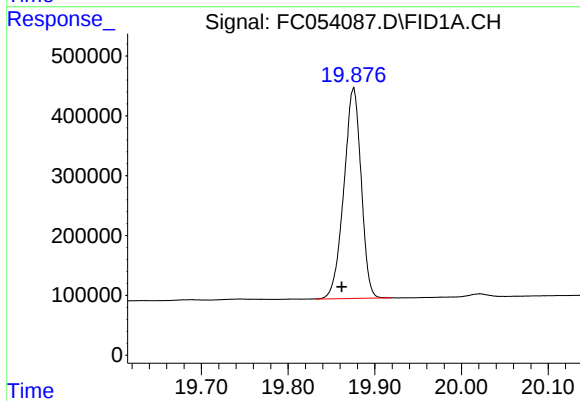
#18 n-Dotriacontane (C32)

R.T.: 18.351 min
Delta R.T.: 0.010 min
Response: 5097695
Conc: 39.52 ug/ml



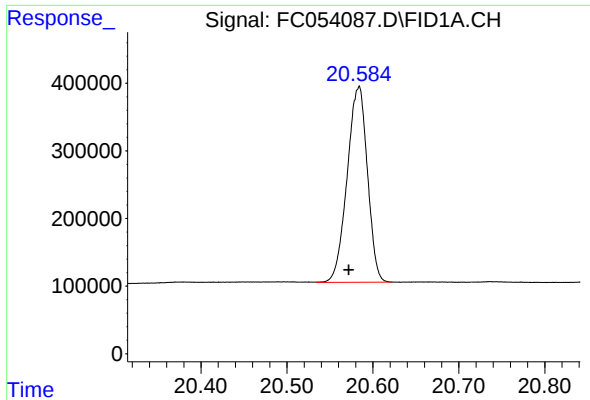
#19 n-Tetratriacontane (C34)

R.T.: 19.135 min
Delta R.T.: 0.009 min
Response: 4985349
Conc: 40.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.876 min
Delta R.T.: 0.014 min
Response: 4874486
Conc: 43.18 ug/ml m



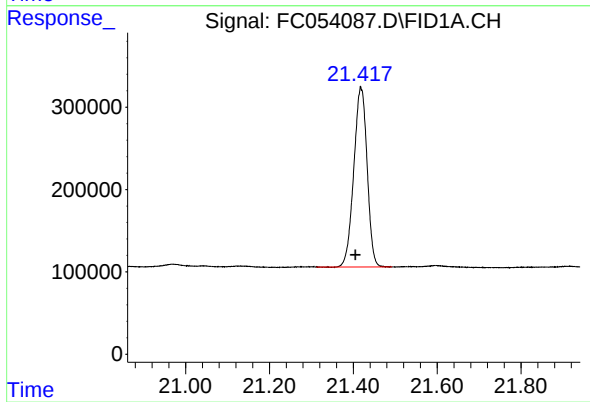
#21 n-Octatriacontane (C38)

R.T.: 20.584 min
Delta R.T.: 0.012 min
Response: 4740361
Conc: 47.01 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.418 min
Delta R.T.: 0.013 min
Response: 4816471
Conc: 47.72 ug/ml