

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056445.D
 Signal(s) : FID1A.CH
 Acq On : 27 Oct 2021 23:59
 Operator : AJ\MA
 Sample : PB140275BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB140275BSD

Manual Integrations
 APPROVED

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Integration File: autoint1.e
 Quant Time: Oct 28 02:13:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.624	5859343	47.322 ug/ml
Spiked Amount 50.000		Recovery =	94.64%
12) S 1-chlorooctadecane (S...	13.055	4640049	48.222 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
Target Compounds			
1) T n-Nonane (C9)	3.394	4437275	40.997 ug/ml
2) T n-Decane (C10)	4.454	4869951	45.210 ug/ml
3) T A~Naphthalene (C11.7)	6.040	5487467	45.009 ug/ml
4) T n-Dodecane (C12)	6.468	5448772	49.427 ug/ml
5) T A~2-methylnaphthalene...	7.097	5568723	45.474 ug/ml
6) T n-Tetradecane (C14)	8.264	5970679	53.182 ug/ml
7) T n-Hexadecane (C16)	9.862	6106730	53.714 ug/ml
8) T n-Octadecane (C18)	11.304	6241738	53.413 ug/ml
10) T n-Eicosane (C20)	12.611	5934742	51.639 ug/ml
11) T n-Heneicosane (C21)	13.221	5821168	50.653 ug/ml
13) T n-Docosane (C22)	13.805	5681460	50.464 ug/ml
14) T n-Tetracosane (C24)	14.903	10229856	92.827 ug/ml
15) T n-Hexacosane (C26)	15.925	5157178	48.862 ug/ml
16) T n-Octacosane (C28)	16.869	4967902	47.894 ug/ml
17) T n-Tricontane (C30)	17.754	4737388	45.724 ug/ml
18) T n-Dotriacontane (C32)	18.582	4643165	48.463 ug/ml
19) T n-Tetratriacontane (C34)	19.360	4467702	50.938 ug/ml
20) T n-Hexatriacontane (C36)	20.096	4374304	53.442 ug/mlm
21) T n-Octatriacontane (C38)	20.832	4054740	50.699 ug/mlm
22) T n-Tetracontane (C40)	21.749	4132922	50.163 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

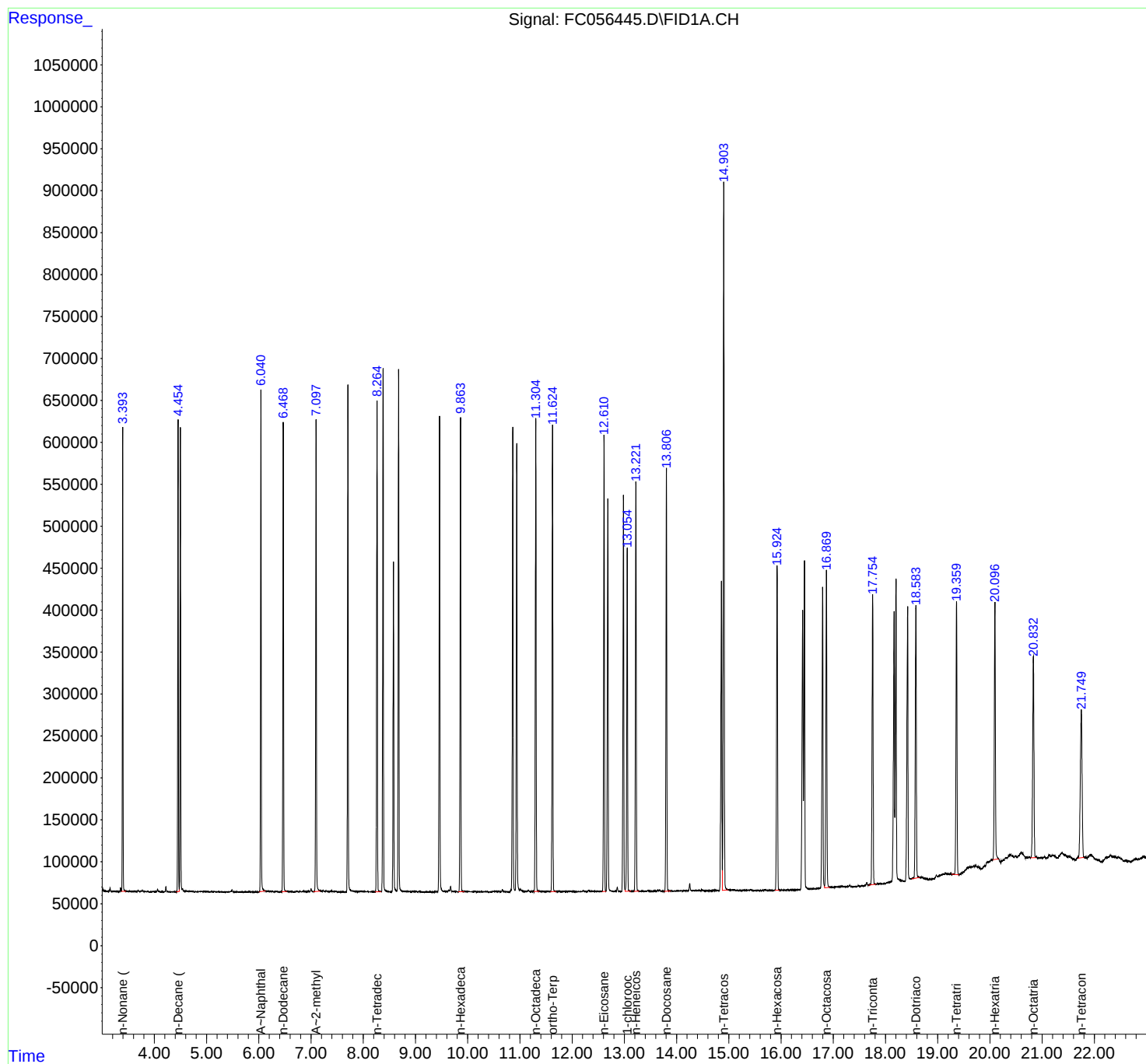
Instrument :
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ClientSampleId :
PB140275BSD

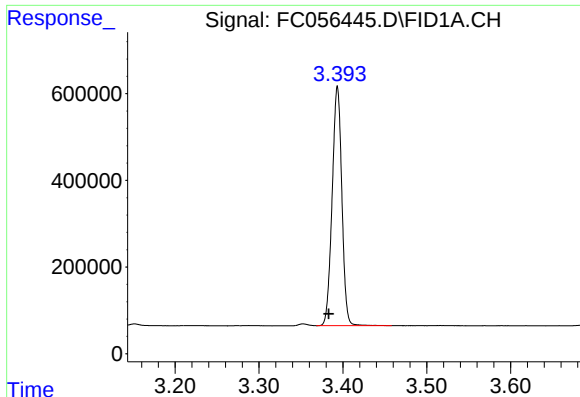
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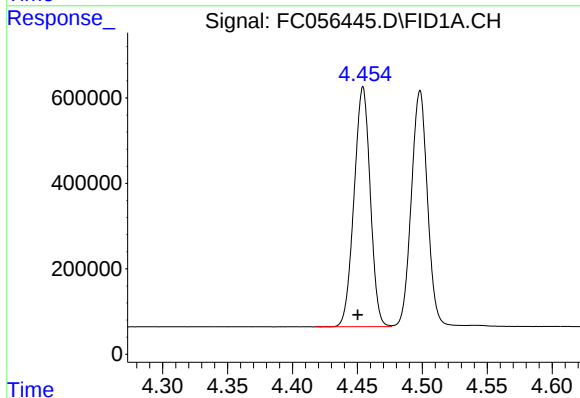
#1 n-Nonane (C9)

R.T.: 3.394 min
Delta R.T.: 0.010 min
Response: 4437275
Conc: 41.00 ug/ml

Instrument :
FID_C
ClientSampleId :
PB140275BSD

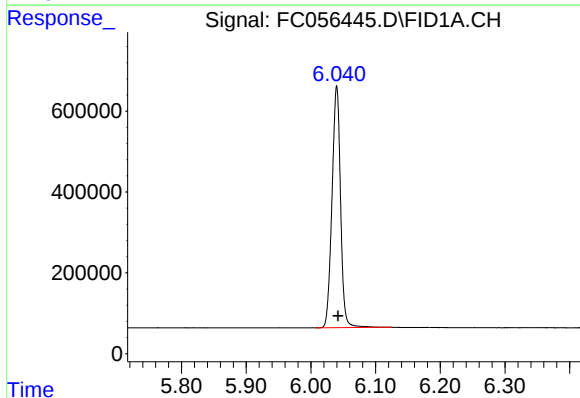
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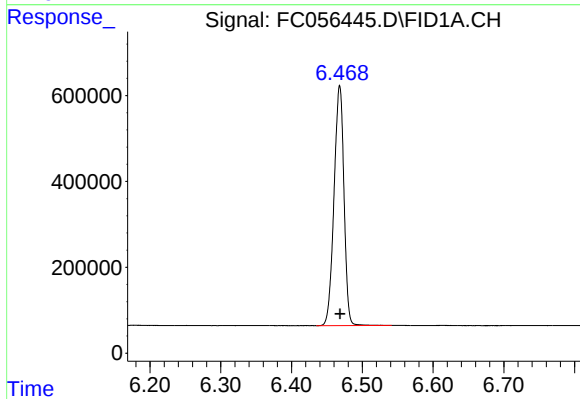
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.004 min
Response: 4869951
Conc: 45.21 ug/ml



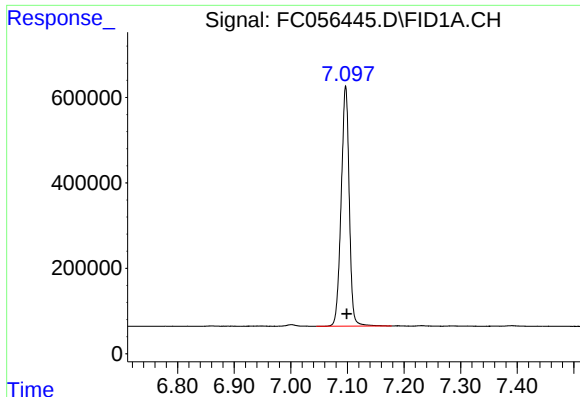
#3 A~Naphthalene (C11.7)

R.T.: 6.040 min
Delta R.T.: -0.002 min
Response: 5487467
Conc: 45.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 5448772
Conc: 49.43 ug/ml



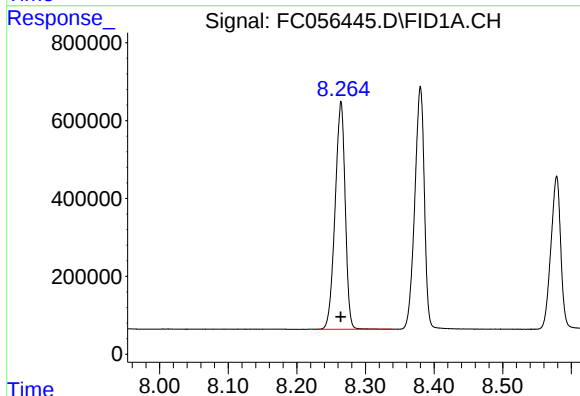
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.097 min
Delta R.T.: -0.002 min
Response: 5568723
Conc: 45.47 ug/ml

Instrument :
FID_C
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PB140275BSD

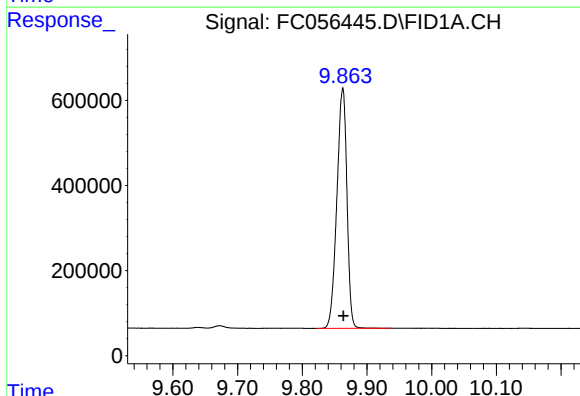
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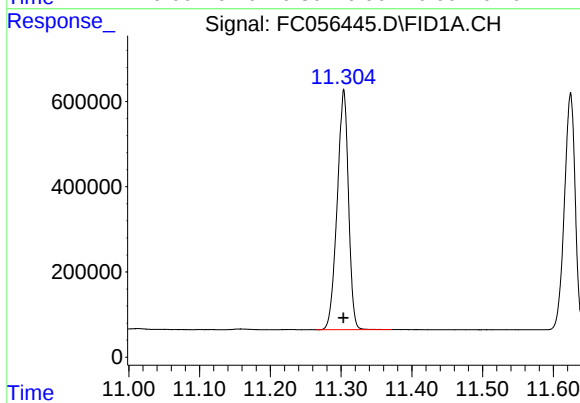
#6 n-Tetradecane (C14)

R.T.: 8.264 min
Delta R.T.: 0.000 min
Response: 5970679
Conc: 53.18 ug/ml



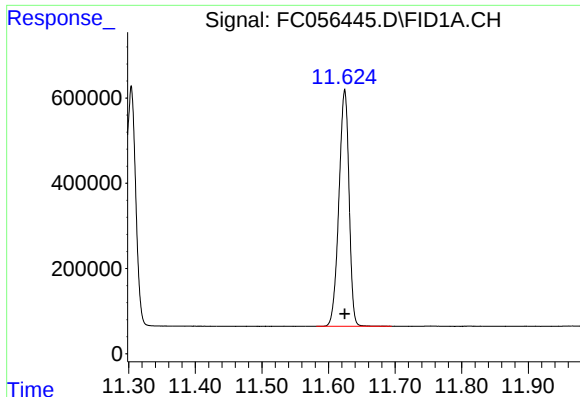
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.002 min
Response: 6106730
Conc: 53.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: 0.000 min
Response: 6241738
Conc: 53.41 ug/ml



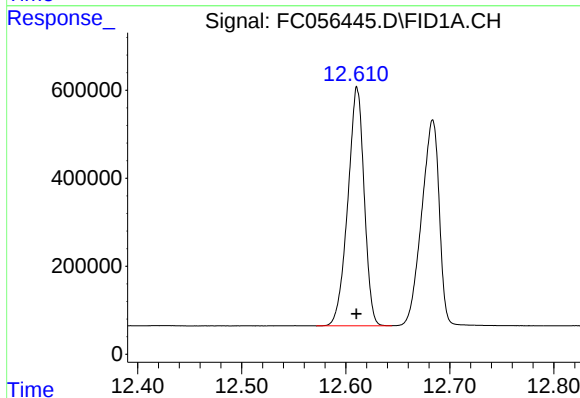
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.000 min
Response: 5859343
Conc: 47.32 ug/ml

Instrument :
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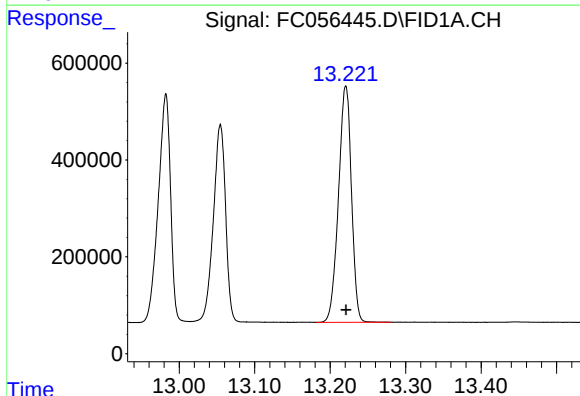
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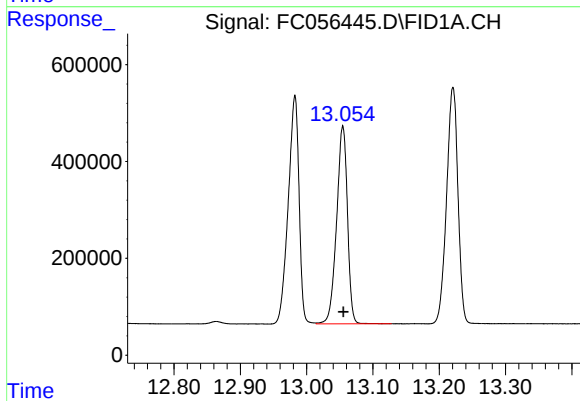
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: 0.000 min
Response: 5934742
Conc: 51.64 ug/ml



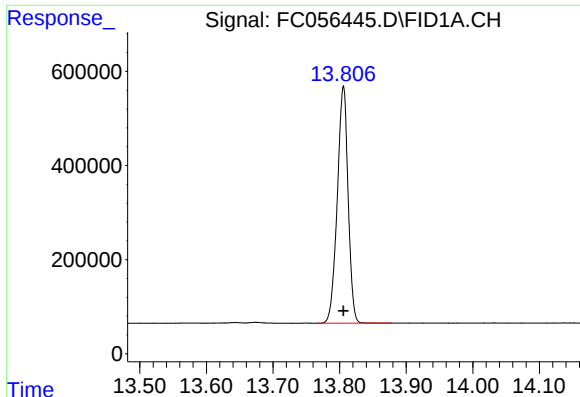
#11 n-Heneicosane (C21)

R.T.: 13.221 min
Delta R.T.: 0.000 min
Response: 5821168
Conc: 50.65 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.055 min
Delta R.T.: -0.001 min
Response: 4640049
Conc: 48.22 ug/ml



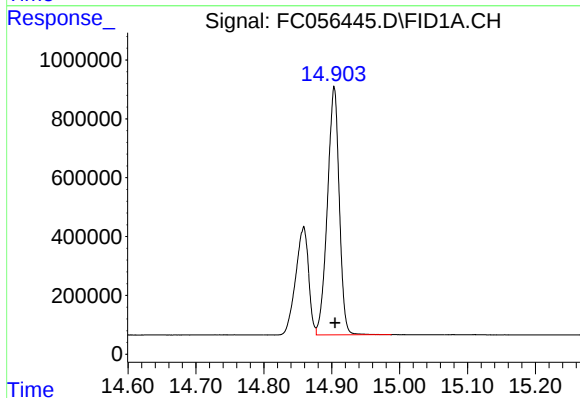
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 5681460
Conc: 50.46 ug/ml

Instrument :
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PB140275BSD

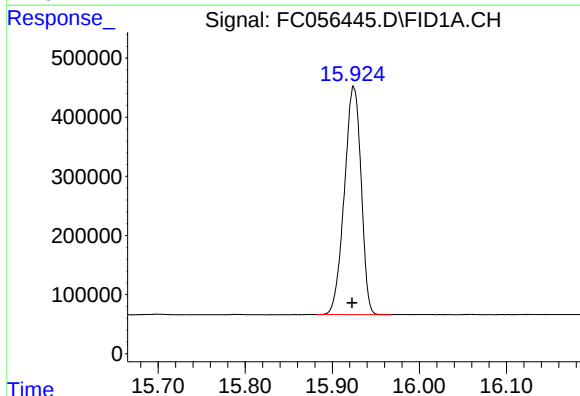
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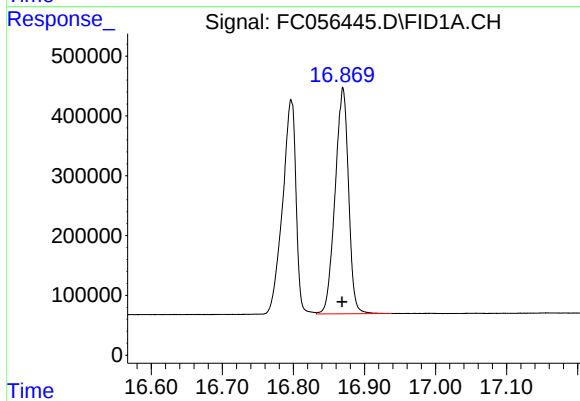
#14 n-Tetracosane (C24)

R.T.: 14.903 min
Delta R.T.: -0.002 min
Response: 10229856
Conc: 92.83 ug/ml



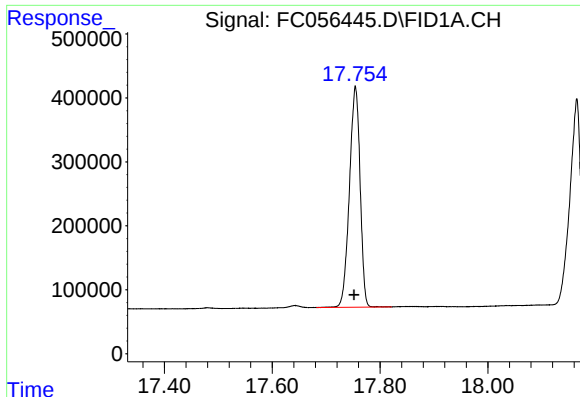
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: 0.002 min
Response: 5157178
Conc: 48.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: 0.000 min
Response: 4967902
Conc: 47.89 ug/ml



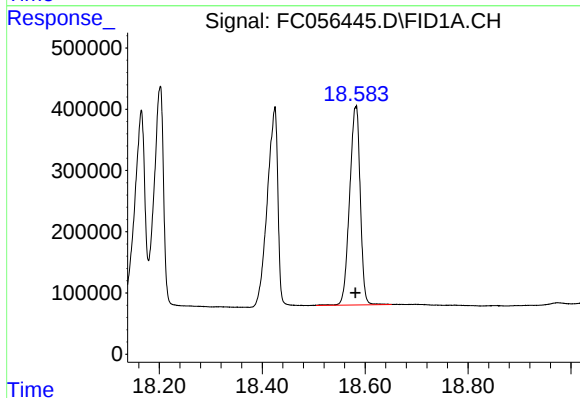
#17 n-Tricontane (C30)

R.T.: 17.754 min
Delta R.T.: 0.002 min
Response: 4737388
Conc: 45.72 ug/ml

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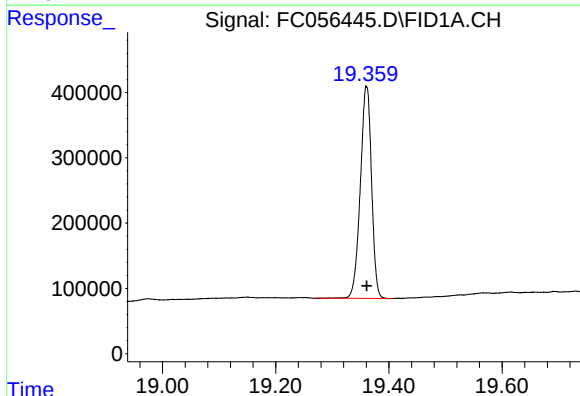
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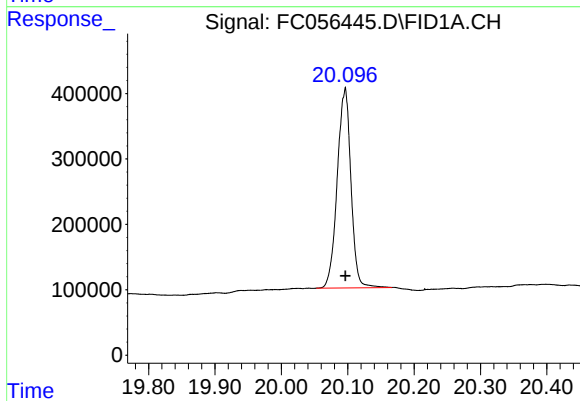
#18 n-Dotriacontane (C32)

R.T.: 18.582 min
Delta R.T.: 0.000 min
Response: 4643165
Conc: 48.46 ug/ml



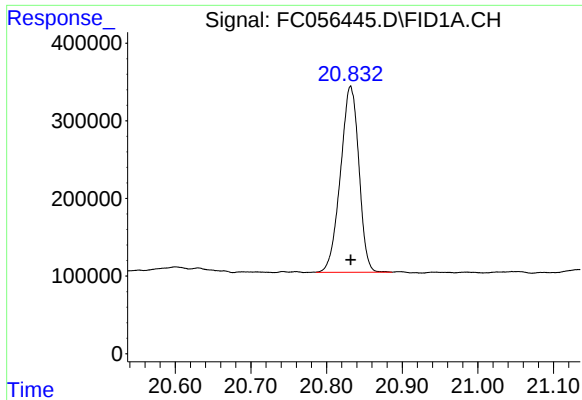
#19 n-Tetratriacontane (C34)

R.T.: 19.360 min
Delta R.T.: 0.000 min
Response: 4467702
Conc: 50.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.096 min
Delta R.T.: 0.000 min
Response: 4374304
Conc: 53.44 ug/ml m



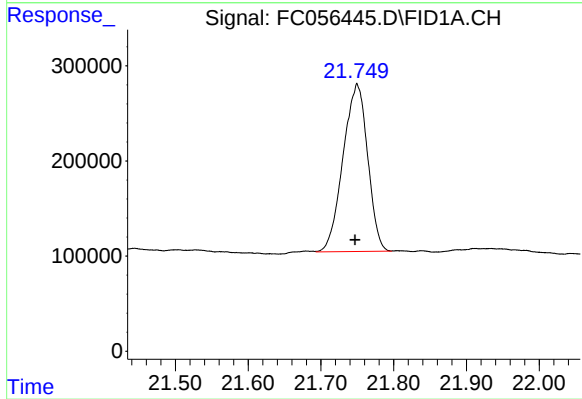
#21 n-Octatriacontane (C38)

R.T.: 20.832 min
Delta R.T.: 0.000 min
Response: 4054740
Conc: 50.70 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.749 min
Delta R.T.: 0.002 min
Response: 4132922
Conc: 50.16 ug/ml m