

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092721AL\
 Data File : FC055842.D
 Signal(s) : FID1A.CH
 Acq On : 27 Sep 2021 17:38
 Operator : AJ\MA
 Sample : M3925-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 28 01:09:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092021.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 21 03:14:48 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)	11.657	4238501	33.564 ug/ml
Spiked Amount 50.000		Recovery =	67.13%
12) S 1-chlorooctadecane (S...	13.091	3502553	35.448 ug/ml
Spiked Amount 50.000		Recovery =	70.90%
Target Compounds			
1) T n-Nonane (C9)	3.404	3798792	34.182 ug/mlm
2) T n-Decane (C10)	4.475	4548545	40.608 ug/ml
3) T A~Naphthalene (C11.7)	6.067	5241625	41.754 ug/ml
4) T n-Dodecane (C12)	6.495	5356874	47.872 ug/ml
5) T A~2-methylnaphthalene...	7.126	5425697	42.913 ug/ml
6) T n-Tetradecane (C14)	8.293	5959126	52.645 ug/ml
7) T n-Hexadecane (C16)	9.893	6163216	53.944 ug/ml
8) T n-Octadecane (C18)	11.336	6277480	52.905 ug/ml
10) T n-Eicosane (C20)	12.646	5913678	50.099 ug/ml
11) T n-Heneicosane (C21)	13.259	5769888	48.362 ug/ml
13) T n-Docosane (C22)	13.845	5769011	48.694 ug/ml
14) T n-Tetracosane (C24)	14.947	9932213	83.938 ug/ml
15) T n-Hexacosane (C26)	15.972	5193420	45.578 ug/mlm
16) T n-Octacosane (C28)	16.923	5496306	50.529 ug/ml
17) T n-Tricontane (C30)	17.815	5720156	56.546 ug/ml
18) T n-Dotriacontane (C32)	18.646	5386355	58.948 ug/mlm
19) T n-Tetratriacontane (C34)	19.433	5026681	58.208 ug/mlm
20) T n-Hexatriacontane (C36)	20.177	4326475	50.869 ug/mlm
21) T n-Octatriacontane (C38)	20.934f	4336744	56.971 ug/ml
22) T n-Tetracontane (C40)	21.881f	4731118	67.543 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 9 Sample Multiplier: 1

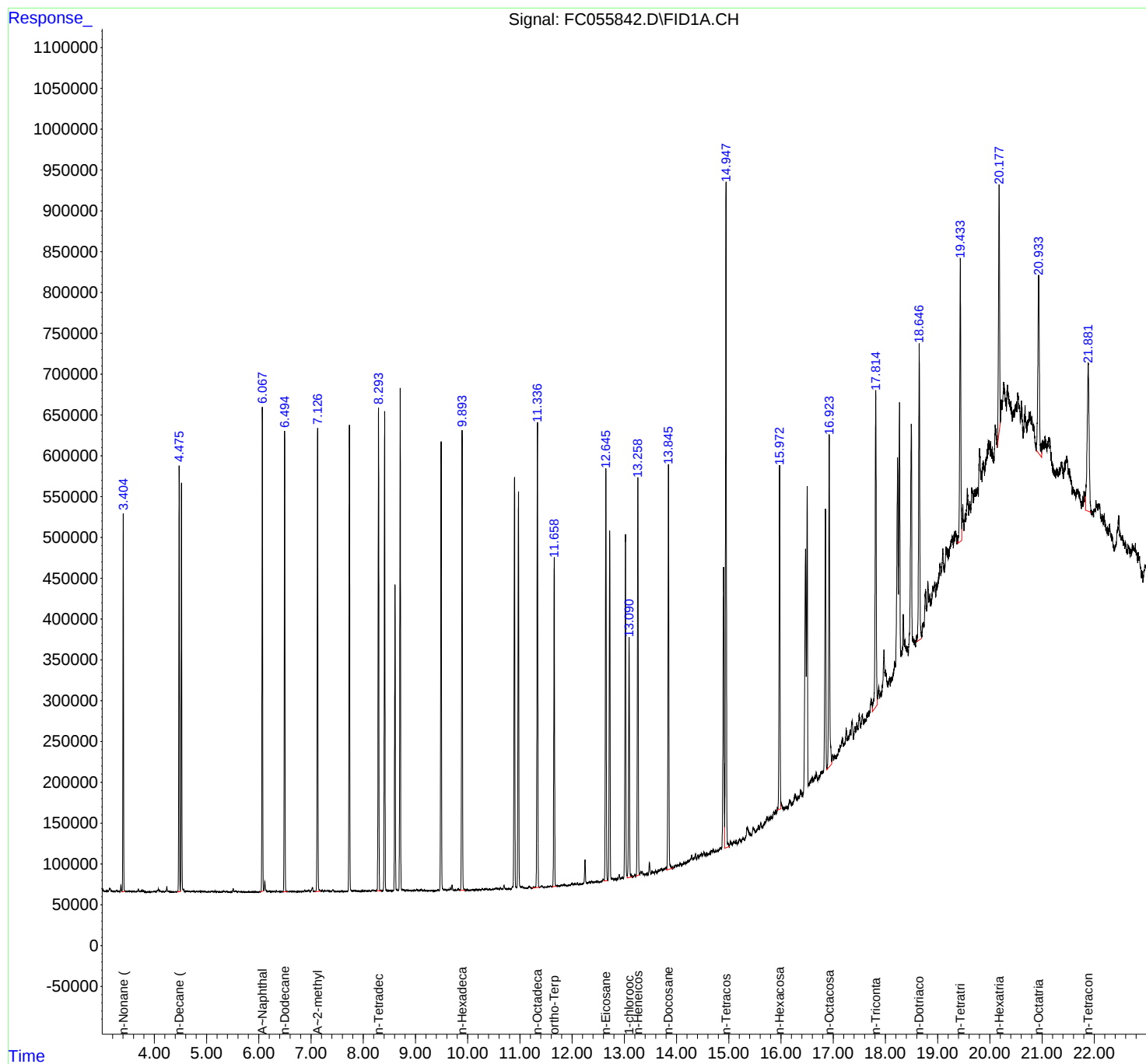
Instrument :
FID_C
ClientSampled :

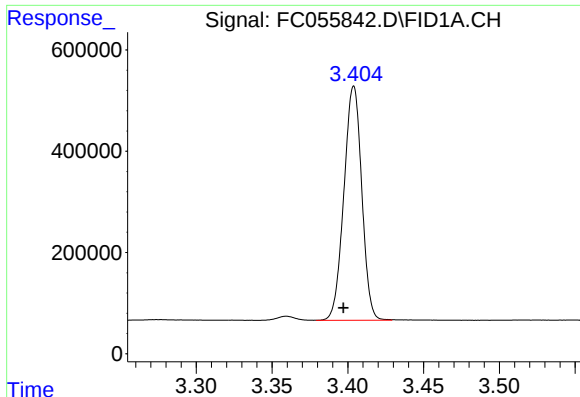
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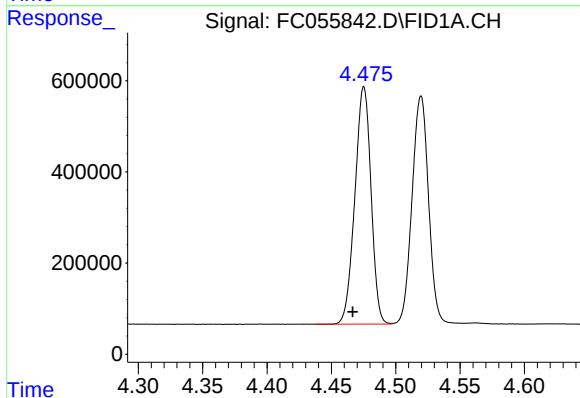
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.007 min
Response: 3798792
Conc: 34.18 ug/ml m

Instrument :
FID_C
ClientSampleId :

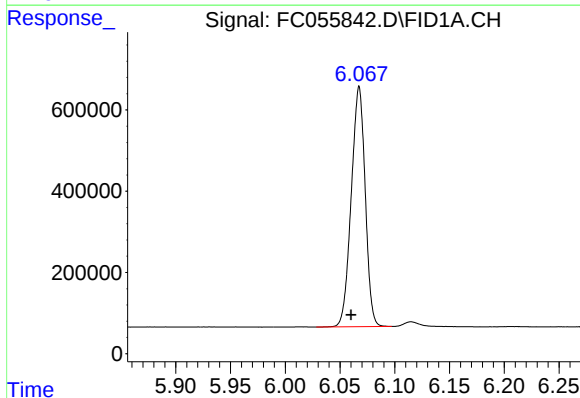
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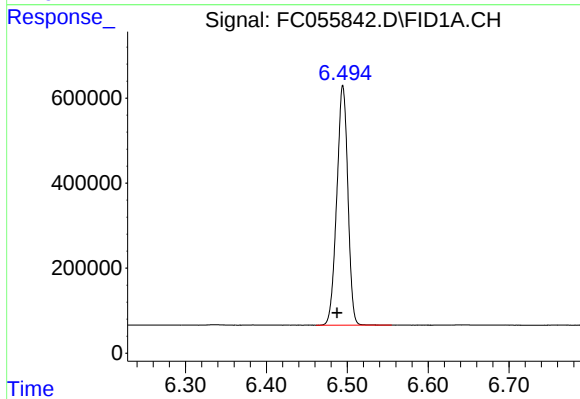
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.009 min
Response: 4548545
Conc: 40.61 ug/ml



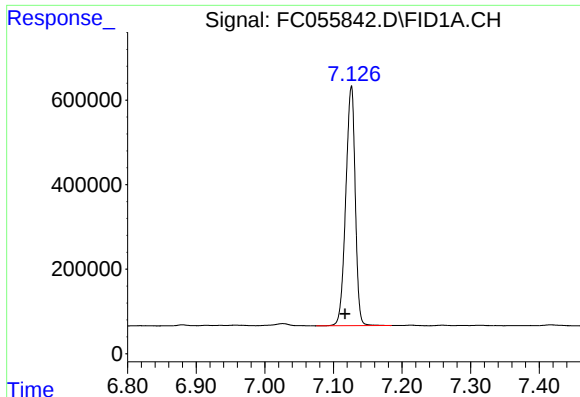
#3 A~Naphthalene (C11.7)

R.T.: 6.067 min
Delta R.T.: 0.007 min
Response: 5241625
Conc: 41.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.495 min
Delta R.T.: 0.007 min
Response: 5356874
Conc: 47.87 ug/ml



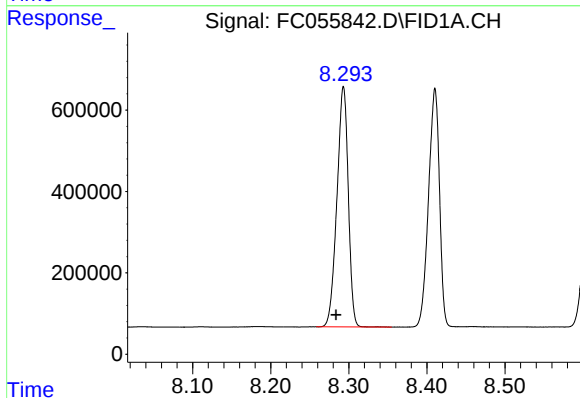
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.126 min
Delta R.T.: 0.008 min
Response: 5425697
Conc: 42.91 ug/ml

Instrument :
FID_C
ClientSampleId :

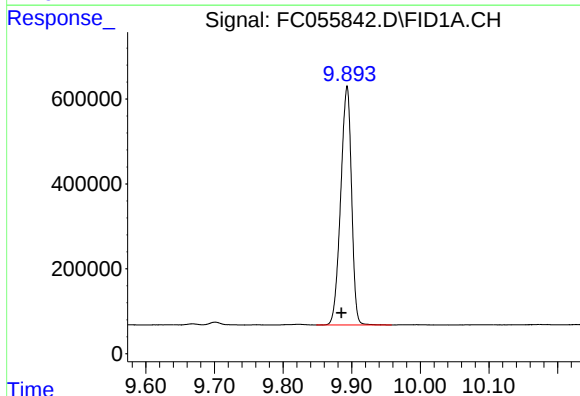
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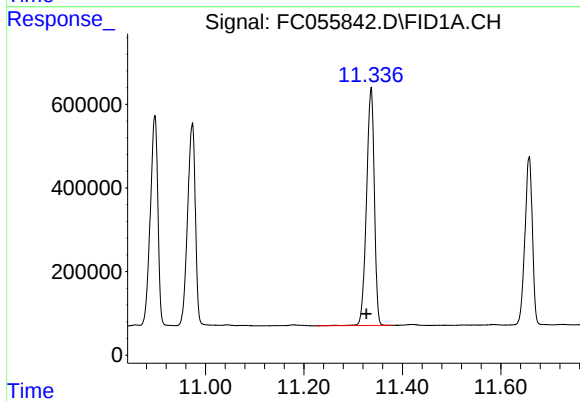
#6 n-Tetradecane (C14)

R.T.: 8.293 min
Delta R.T.: 0.009 min
Response: 5959126
Conc: 52.65 ug/ml



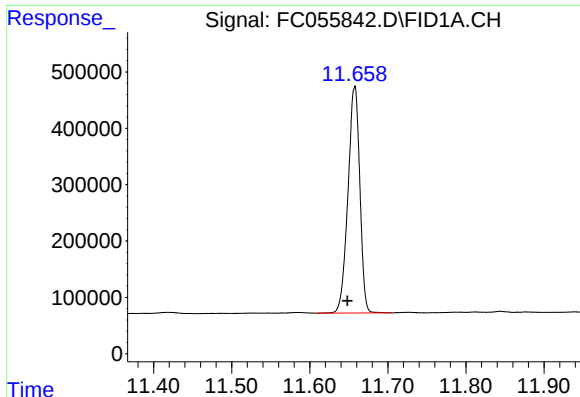
#7 n-Hexadecane (C16)

R.T.: 9.893 min
Delta R.T.: 0.008 min
Response: 6163216
Conc: 53.94 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.336 min
Delta R.T.: 0.009 min
Response: 6277480
Conc: 52.90 ug/ml



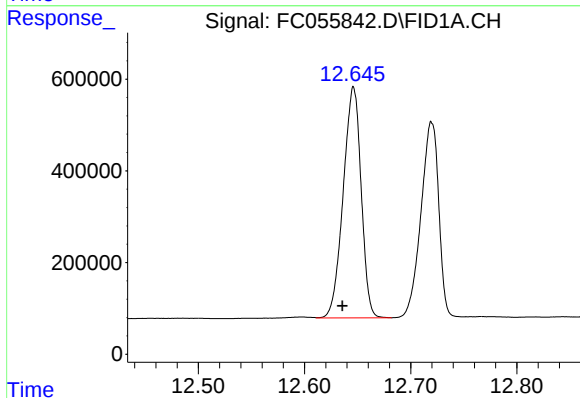
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: 0.009 min
Response: 4238501
Conc: 33.56 ug/ml

Instrument :
FID_C
ClientSampleId :

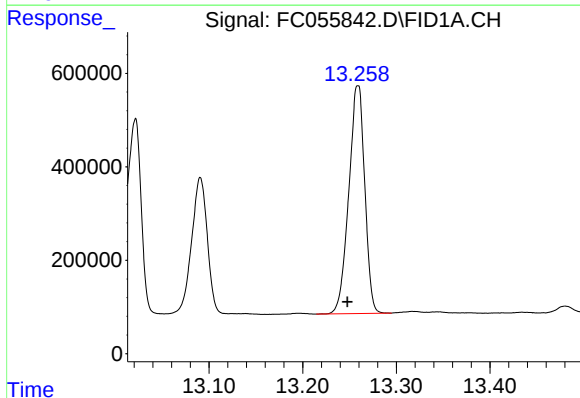
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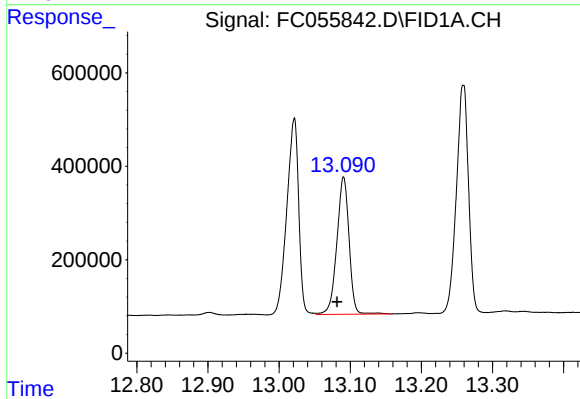
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: 0.010 min
Response: 5913678
Conc: 50.10 ug/ml



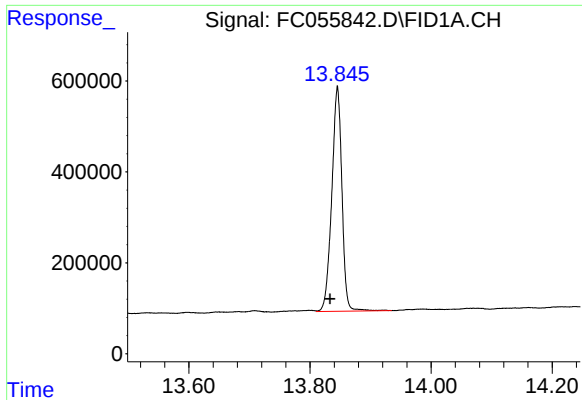
#11 n-Heneicosane (C21)

R.T.: 13.259 min
Delta R.T.: 0.011 min
Response: 5769888
Conc: 48.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.091 min
Delta R.T.: 0.009 min
Response: 3502553
Conc: 35.45 ug/ml



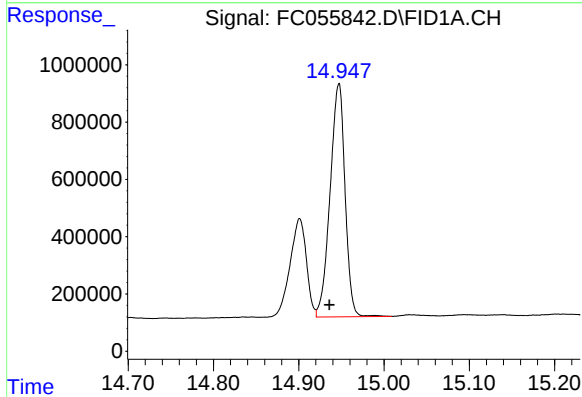
#13 n-Docosane (C22)

R.T.: 13.845 min
Delta R.T.: 0.012 min
Response: 5769011
Conc: 48.69 ug/ml

Instrument :
FID_C
ClientSampleId :

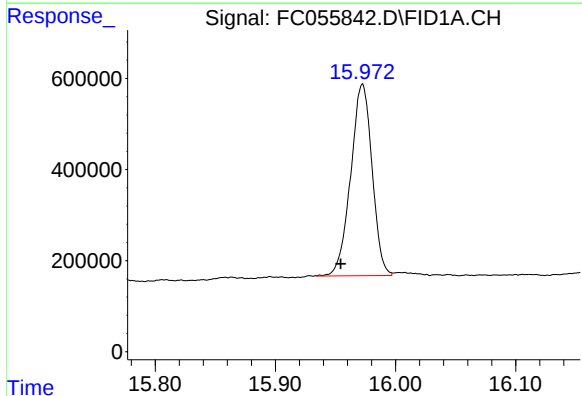
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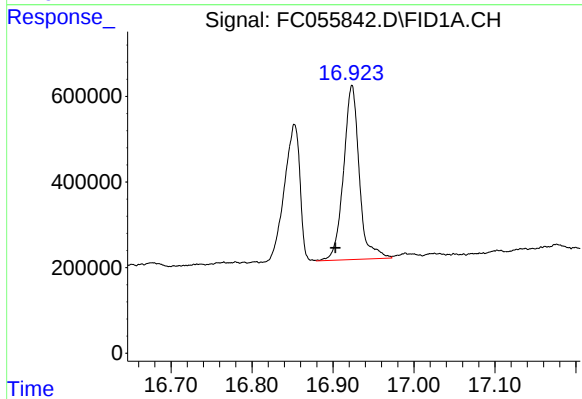
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: 0.011 min
Response: 9932213
Conc: 83.94 ug/ml



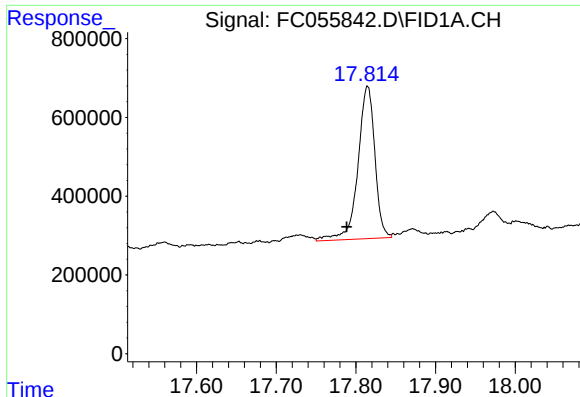
#15 n-Hexacosane (C26)

R.T.: 15.972 min
Delta R.T.: 0.018 min
Response: 5193420
Conc: 45.58 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.923 min
Delta R.T.: 0.020 min
Response: 5496306
Conc: 50.53 ug/ml



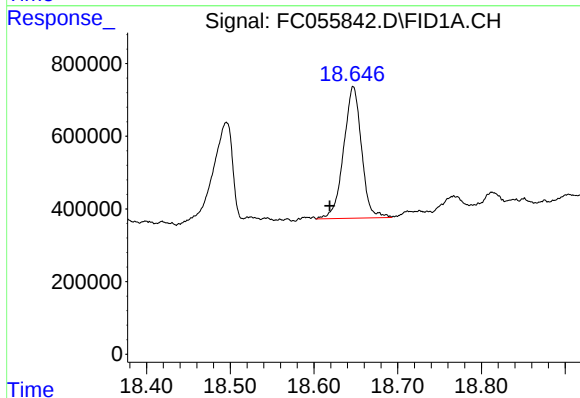
#17 n-Tricontane (C30)

R.T.: 17.815 min
Delta R.T.: 0.026 min
Response: 5720156
Conc: 56.55 ug/ml

Instrument :
FID_C
ClientSampleId :

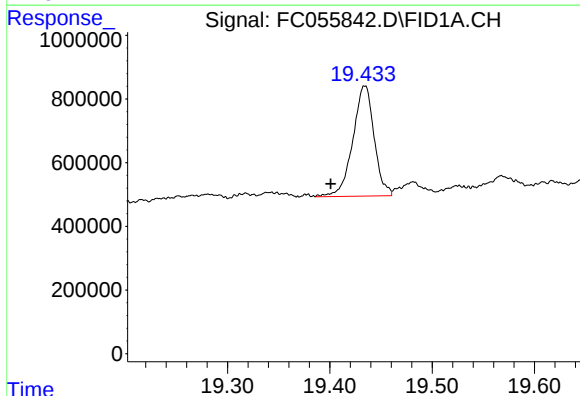
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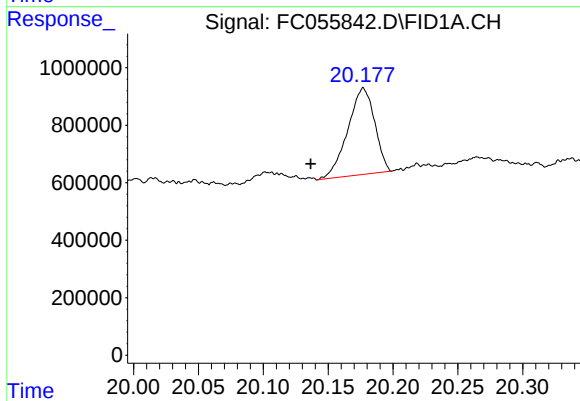
#18 n-Dotriacontane (C32)

R.T.: 18.646 min
Delta R.T.: 0.027 min
Response: 5386355
Conc: 58.95 ug/ml m



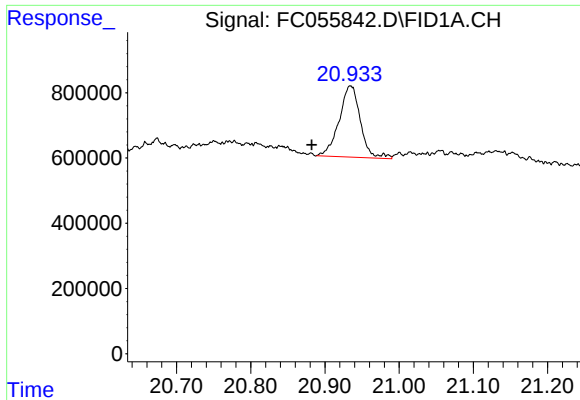
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: 0.032 min
Response: 5026681
Conc: 58.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: 0.040 min
Response: 4326475
Conc: 50.87 ug/ml m



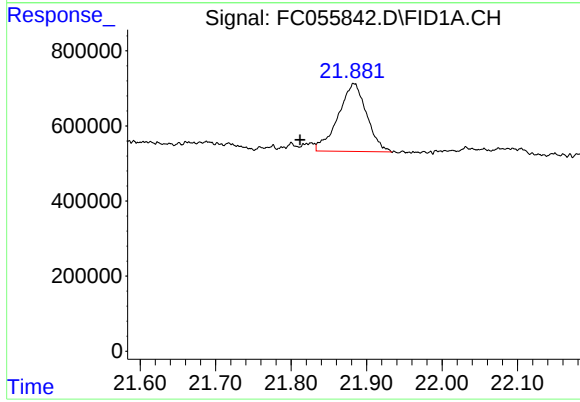
#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: 0.052 min
Response: 4336744
Conc: 56.97 ug/ml

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.881 min
Delta R.T.: 0.070 min
Response: 4731118
Conc: 67.54 ug/ml m