

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091421AL\
 Data File : FC055659.D
 Signal(s) : FID1A.CH
 Acq On : 15 Sep 2021 11:34
 Operator : AJ\MA
 Sample : M3727-03MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 16 01:05:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.656	4627292	37.040 ug/ml
Spiked Amount 50.000		Recovery =	74.08%
12) S 1-chlorooctadecane (S...	13.088	3492019	35.285 ug/ml
Spiked Amount 50.000		Recovery =	70.57%
Target Compounds			
1) T n-Nonane (C9)	3.425	6053733	56.004 ug/ml
2) T n-Decane (C10)	4.483	6364946	58.373 ug/ml
3) T A~Naphthalene (C11.7)	6.066	6646800	53.942 ug/ml
4) T n-Dodecane (C12)	6.493	6415455	58.591 ug/ml
5) T A~2-methylnaphthalene...	7.123	6251030	50.231 ug/ml
6) T n-Tetradecane (C14)	8.292	6254941	56.160 ug/ml
7) T n-Hexadecane (C16)	9.892	5993591	53.034 ug/mlm
8) T n-Octadecane (C18)	11.335	5908789	50.751 ug/ml
10) T n-Eicosane (C20)	12.645	5483009	46.925 ug/ml
11) T n-Heneicosane (C21)	13.256	5347775	45.437 ug/ml
13) T n-Docosane (C22)	13.842	5159309	44.228 ug/ml
14) T n-Tetracosane (C24)	14.940	9825474	84.369 ug/ml
15) T n-Hexacosane (C26)	15.966	4790780	42.290 ug/mlm
16) T n-Octacosane (C28)	16.913	4838124	43.723 ug/ml
17) T n-Tricontane (C30)	17.801	4653011	43.759 ug/ml
18) T n-Dotriacontane (C32)	18.631	4730657	47.203 ug/ml
19) T n-Tetratriacontane (C34)	19.412	4326422	45.841 ug/ml
20) T n-Hexatriacontane (C36)	20.150	3961356	45.625 ug/ml
21) T n-Octatriacontane (C38)	20.895	3723879	45.687 ug/ml
22) T n-Tetracontane (C40)	21.828	3837364	47.779 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : M3727-03MSD
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ALS Vial : 32 Sample Multiplier: 1

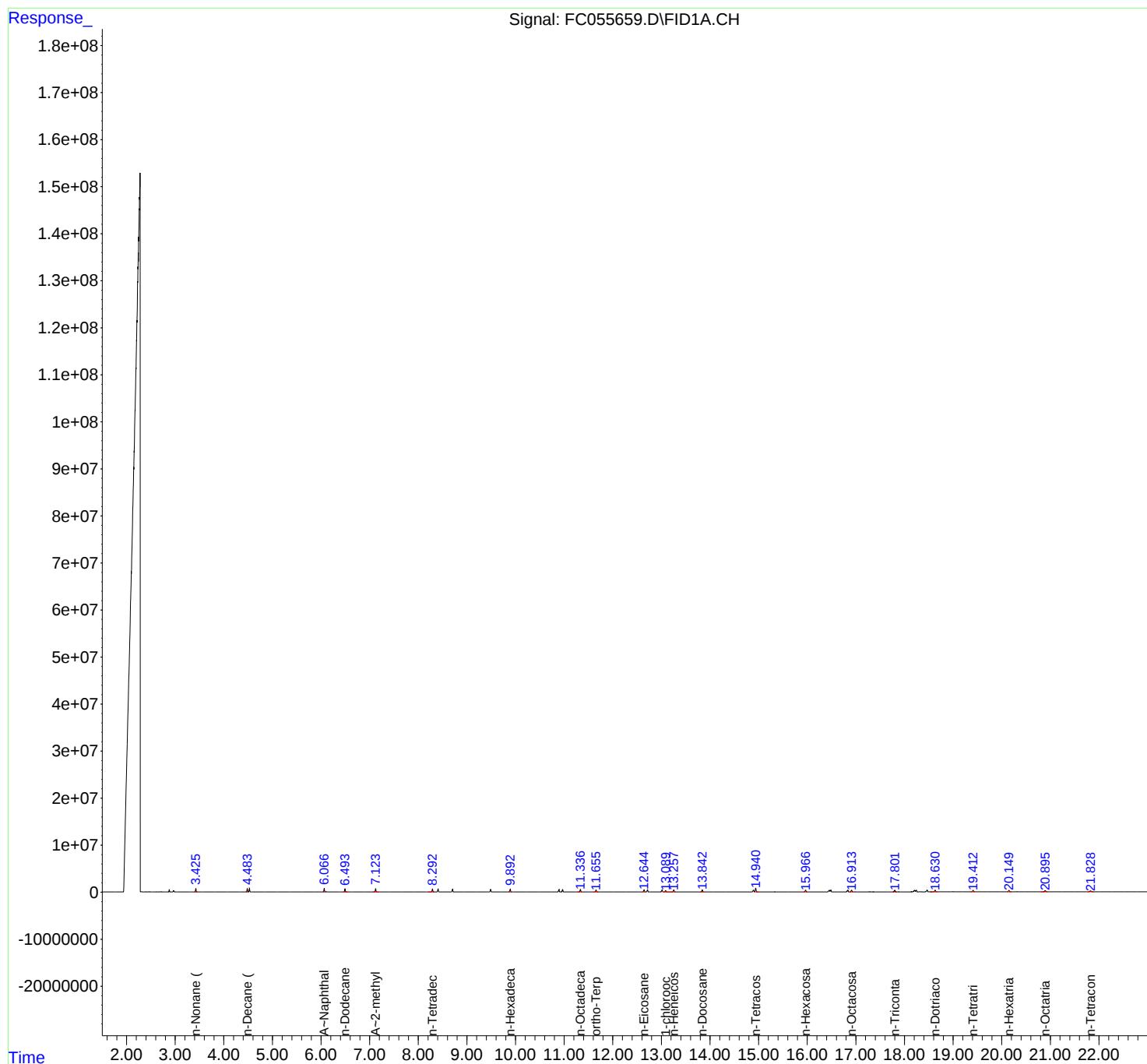
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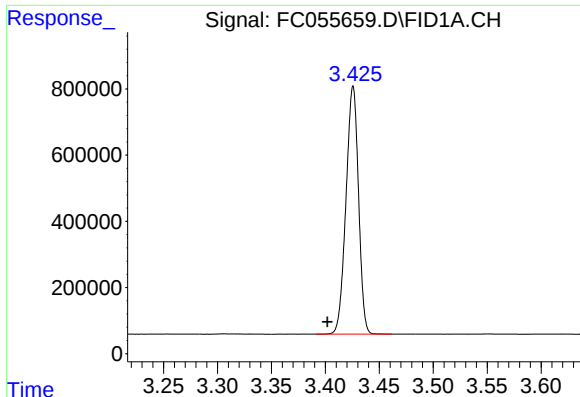
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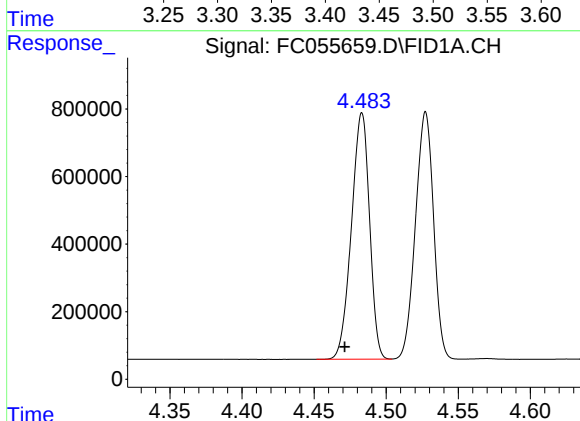
#1 n-Nonane (C9)

R.T.: 3.425 min
Delta R.T.: 0.023 min
Response: 6053733
Conc: 56.00 ug/ml

Instrument :
FID_C
ClientSampleId :
1MSD

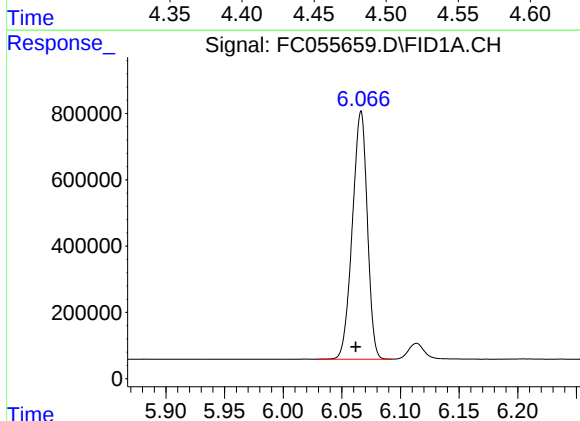
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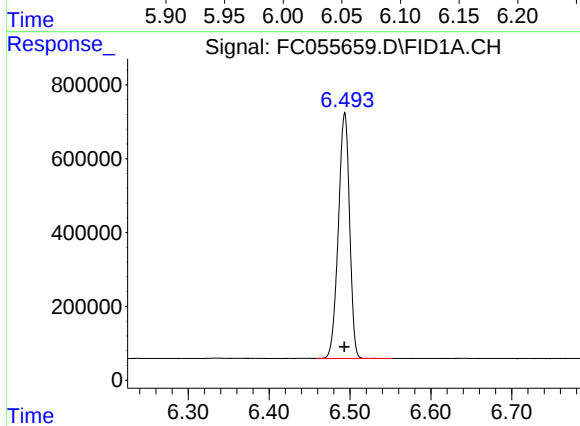
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.012 min
Response: 6364946
Conc: 58.37 ug/ml



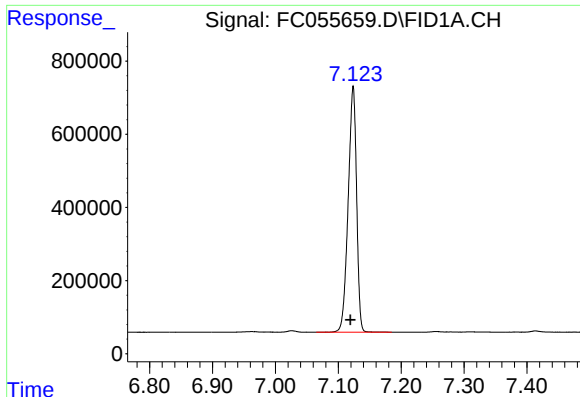
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: 0.004 min
Response: 6646800
Conc: 53.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.493 min
Delta R.T.: 0.000 min
Response: 6415455
Conc: 58.59 ug/ml



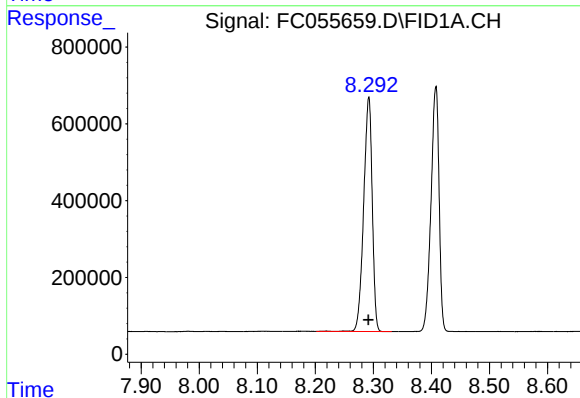
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.004 min
Response: 6251030
Conc: 50.23 ug/ml

Instrument :
FID_C
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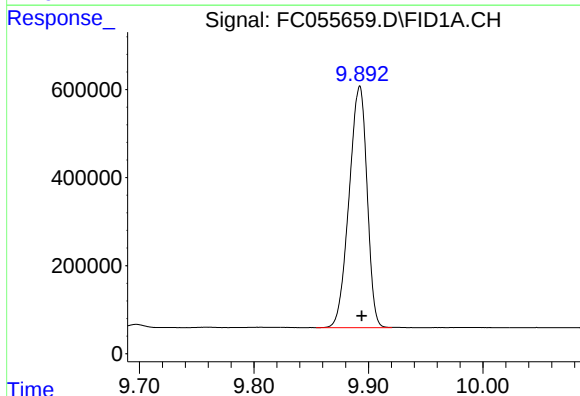
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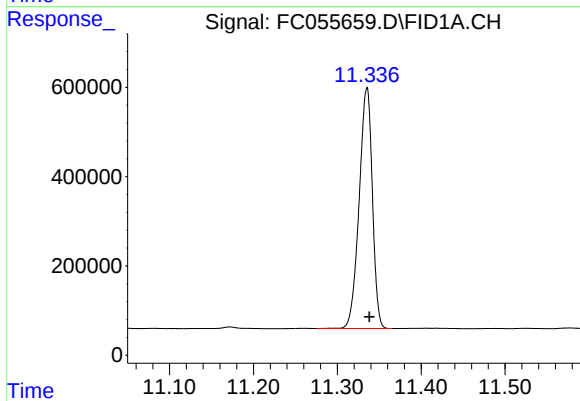
#6 n-Tetradecane (C14)

R.T.: 8.292 min
Delta R.T.: 0.000 min
Response: 6254941
Conc: 56.16 ug/ml



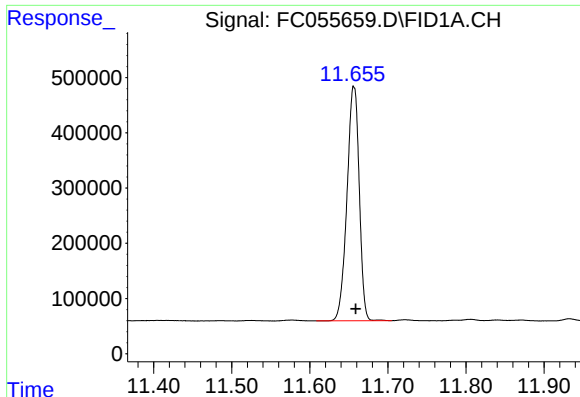
#7 n-Hexadecane (C16)

R.T.: 9.892 min
Delta R.T.: -0.002 min
Response: 5993591
Conc: 53.03 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.335 min
Delta R.T.: -0.003 min
Response: 5908789
Conc: 50.75 ug/ml



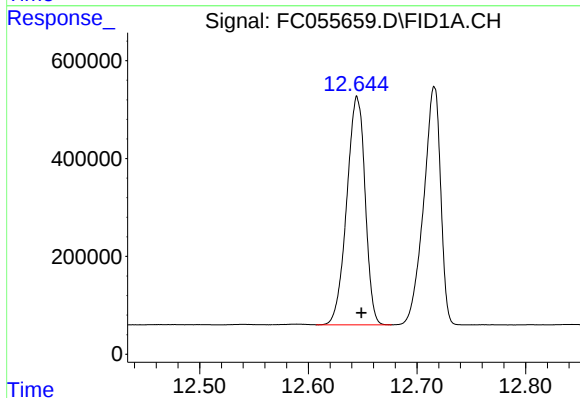
#9 ortho-Terphenyl (SURR)

R.T.: 11.656 min
Delta R.T.: -0.002 min
Response: 4627292
Conc: 37.04 ug/ml

Instrument :
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1MSD

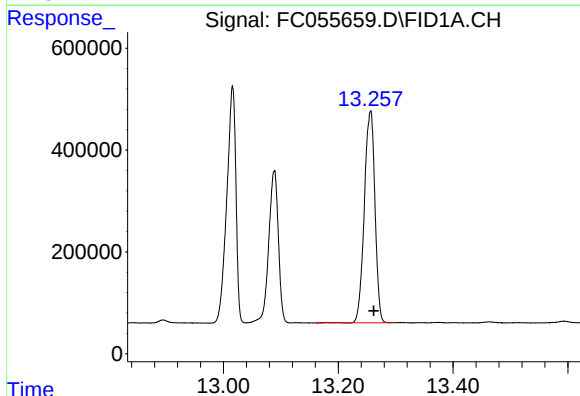
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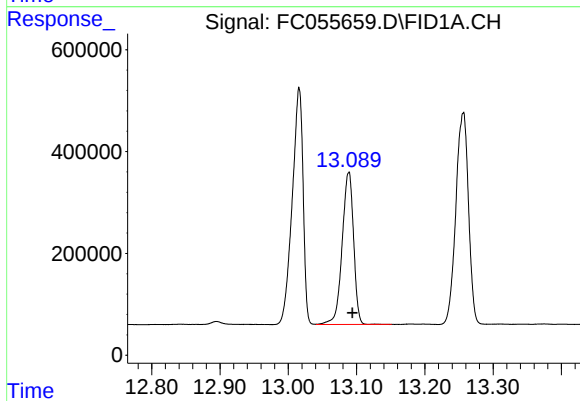
#10 n-Eicosane (C20)

R.T.: 12.645 min
Delta R.T.: -0.004 min
Response: 5483009
Conc: 46.92 ug/ml



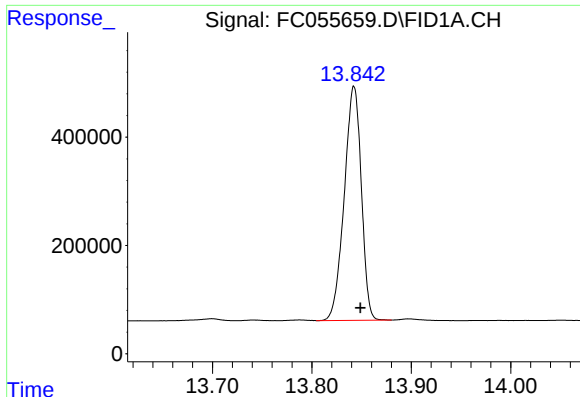
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.006 min
Response: 5347775
Conc: 45.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.088 min
Delta R.T.: -0.006 min
Response: 3492019
Conc: 35.28 ug/ml



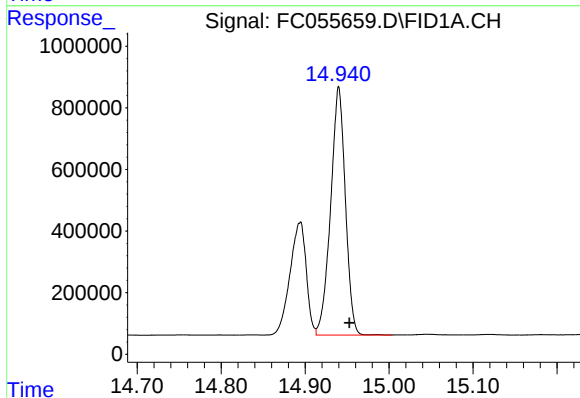
#13 n-Docosane (C22)

R.T.: 13.842 min
Delta R.T.: -0.007 min
Response: 5159309
Conc: 44.23 ug/ml

Instrument :
FID_C
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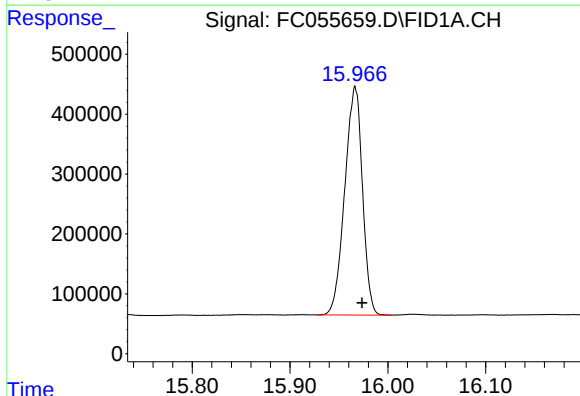
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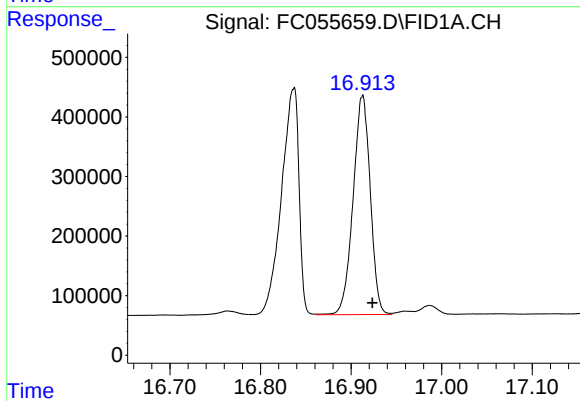
#14 n-Tetracosane (C24)

R.T.: 14.940 min
Delta R.T.: -0.013 min
Response: 9825474
Conc: 84.37 ug/ml



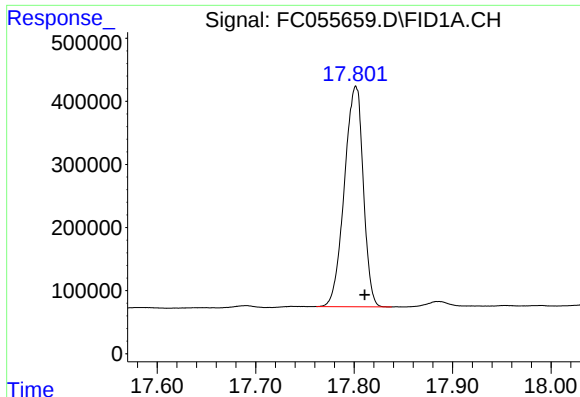
#15 n-Hexacosane (C26)

R.T.: 15.966 min
Delta R.T.: -0.008 min
Response: 4790780
Conc: 42.29 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.913 min
Delta R.T.: -0.011 min
Response: 4838124
Conc: 43.72 ug/ml



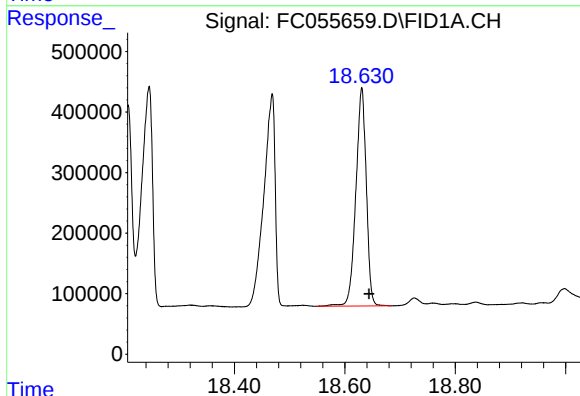
#17 n-Tricontane (C30)

R.T.: 17.801 min
Delta R.T.: -0.010 min
Response: 4653011
Conc: 43.76 ug/ml

Instrument :
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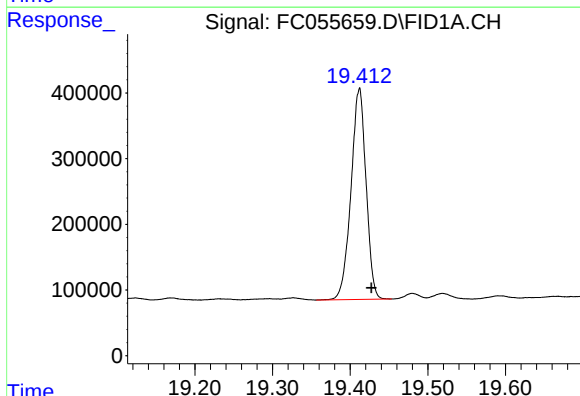
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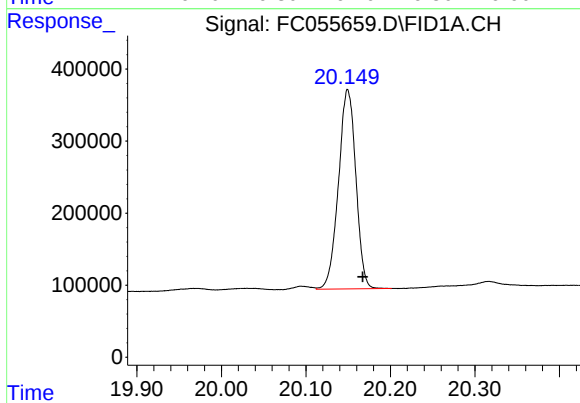
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: -0.013 min
Response: 4730657
Conc: 47.20 ug/ml



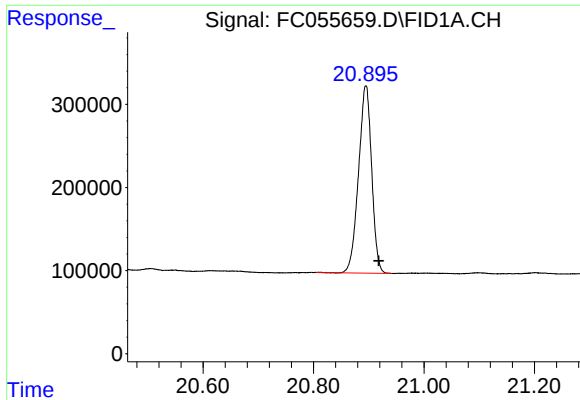
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.016 min
Response: 4326422
Conc: 45.84 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.150 min
Delta R.T.: -0.018 min
Response: 3961356
Conc: 45.62 ug/ml



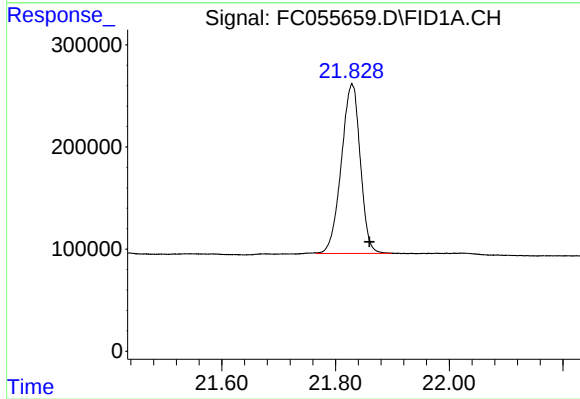
#21 n-Octatriacontane (C38)

R.T.: 20.895 min
Delta R.T.: -0.024 min
Response: 3723879
Conc: 45.69 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.828 min
Delta R.T.: -0.031 min
Response: 3837364
Conc: 47.78 ug/ml m