

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081121AL\
 Data File : FC055148.D
 Signal(s) : FID1A.CH
 Acq On : 12 Aug 2021 4:27
 Operator : AJ\MA
 Sample : M3353-08MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 6MSD

Manual Integrations
 APPROVED

mohammad
 8/12/2021 12:01:53 PM

Integration File: autoint1.e
 Quant Time: Aug 12 07:36:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 02:08:31 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)	11.311	5018484	39.861 ug/ml
Spiked Amount 50.000		Recovery =	79.72%
12) S 1-chlorooctadecane (S...	12.749	3985100	40.210 ug/ml
Spiked Amount 50.000		Recovery =	80.42%
Target Compounds			
1) T n-Nonane (C9)	3.177f	8448200	80.793 ug/ml
2) T n-Decane (C10)	4.212	9033900	85.787 ug/ml
3) T A~Naphthalene (C11.7)	5.764	9735756	89.600 ug/ml
4) T n-Dodecane (C12)	6.200	9527493	87.737 ug/ml
5) T A~2-methylnaphthalene...	6.812	9684488	88.735 ug/ml
6) T n-Tetradecane (C14)	7.984	9571685	85.740 ug/ml
7) T n-Hexadecane (C16)	9.575	9471613	83.046 ug/ml
8) T n-Octadecane (C18)	11.010	9556218	81.038 ug/ml
10) T n-Eicosane (C20)	12.314	9009550	76.740 ug/ml
11) T n-Heneicosane (C21)	12.922	8799730	74.526 ug/ml
13) T n-Docosane (C22)	13.506	8500322	72.779 ug/ml
14) T n-Tetracosane (C24)	14.603	6228540	53.811 ug/mlm
15) T n-Hexacosane (C26)	15.625	7634309	68.120 ug/ml
16) T n-Octacosane (C28)	16.569	7753790	71.415 ug/ml
17) T n-Tricontane (C30)	17.457	7236386	69.307 ug/ml
18) T n-Dotriacontane (C32)	18.283	7295362	73.666 ug/ml
19) T n-Tetratriacontane (C34)	19.064	7376490	77.828 ug/ml
20) T n-Hexatriacontane (C36)	19.803	7494046	82.931 ug/ml
21) T n-Octatriacontane (C38)	20.504	7408042	85.737 ug/ml
22) T n-Tetracontane (C40)	21.314	7607494	85.425 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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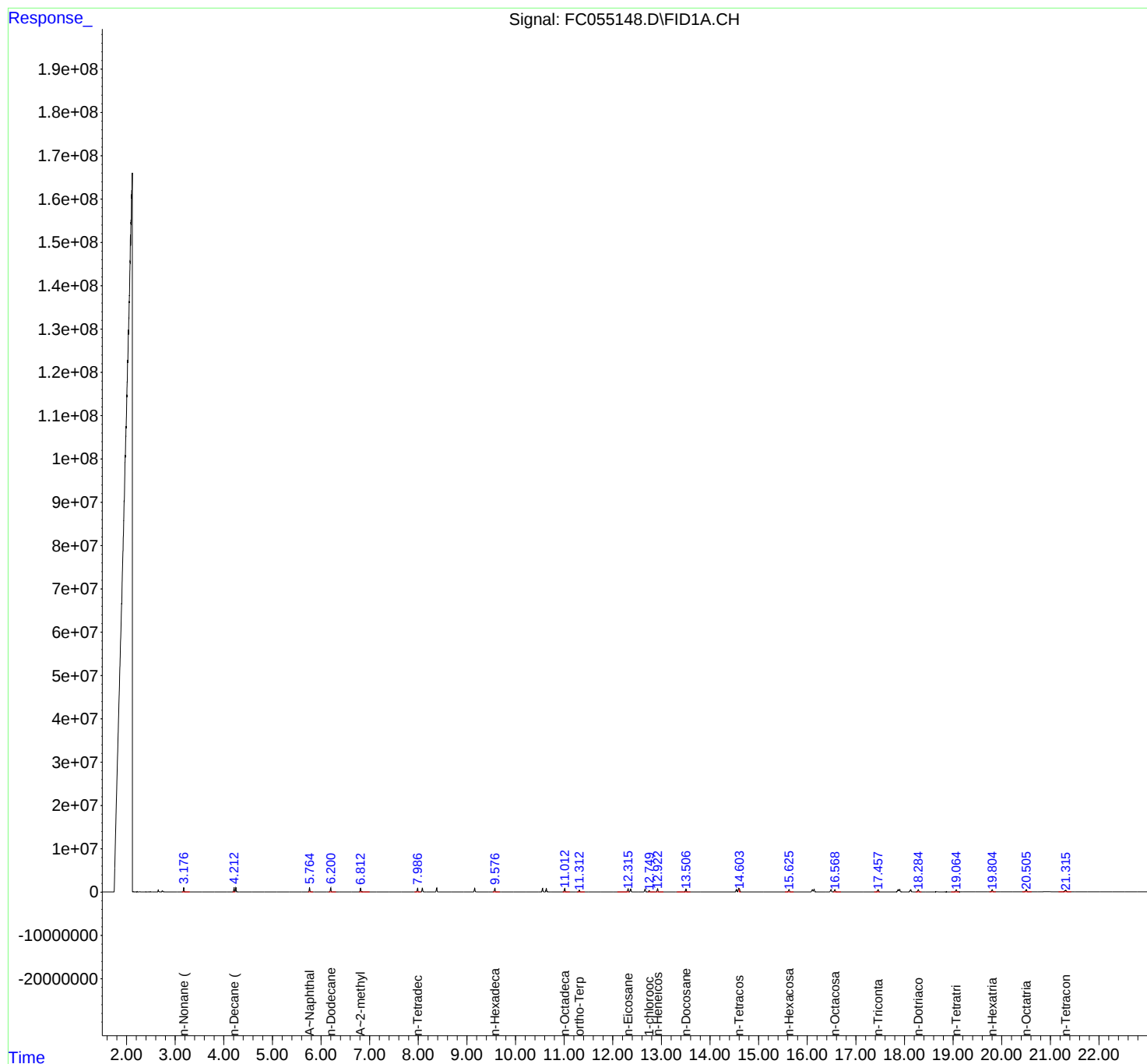
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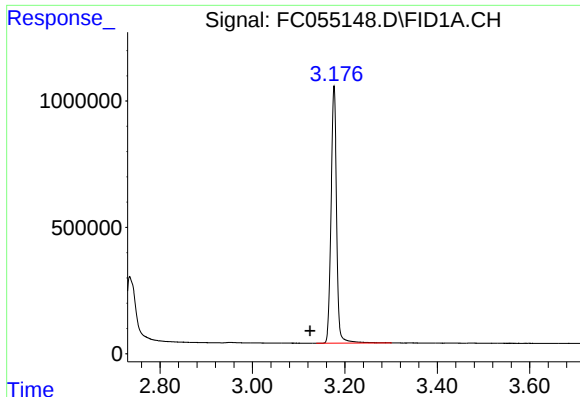
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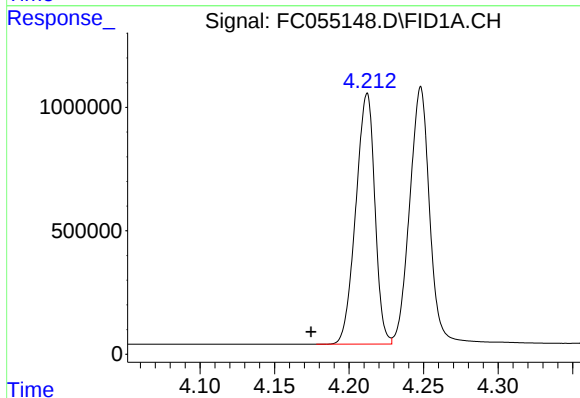
#1 n-Nonane (C9)

R.T.: 3.177 min
Delta R.T.: 0.052 min
Response: 8448200
Conc: 80.79 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

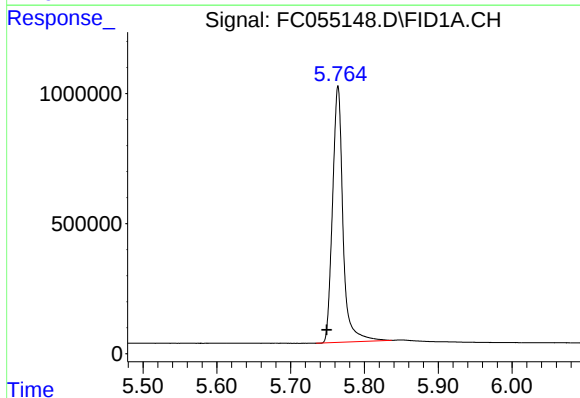
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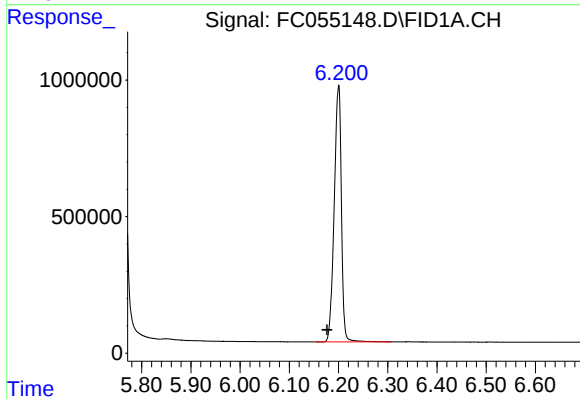
#2 n-Decane (C10)

R.T.: 4.212 min
Delta R.T.: 0.037 min
Response: 9033900
Conc: 85.79 ug/ml



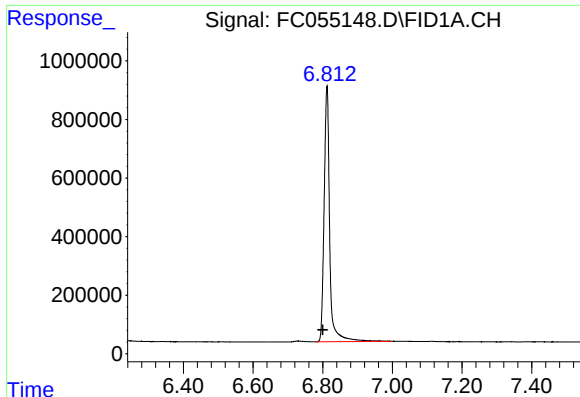
#3 A~Naphthalene (C11.7)

R.T.: 5.764 min
Delta R.T.: 0.015 min
Response: 9735756
Conc: 89.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.200 min
Delta R.T.: 0.023 min
Response: 9527493
Conc: 87.74 ug/ml



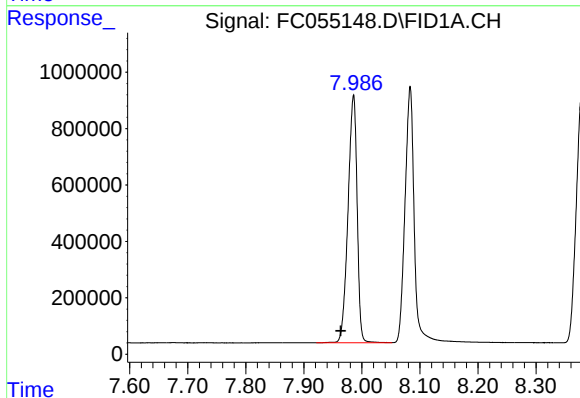
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: 0.011 min
Response: 9684488
Conc: 88.73 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

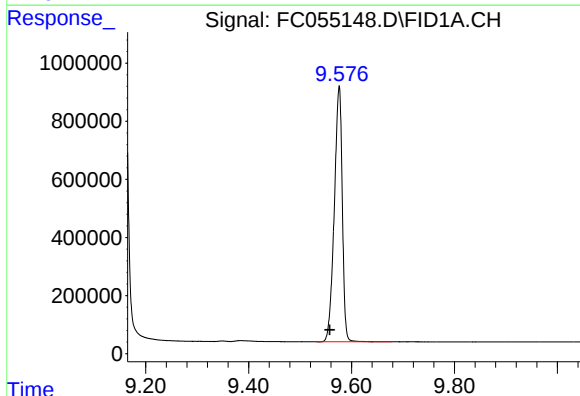
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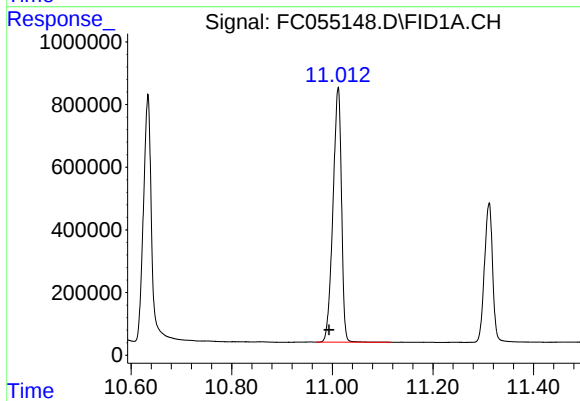
#6 n-Tetradecane (C14)

R.T.: 7.984 min
Delta R.T.: 0.021 min
Response: 9571685
Conc: 85.74 ug/ml



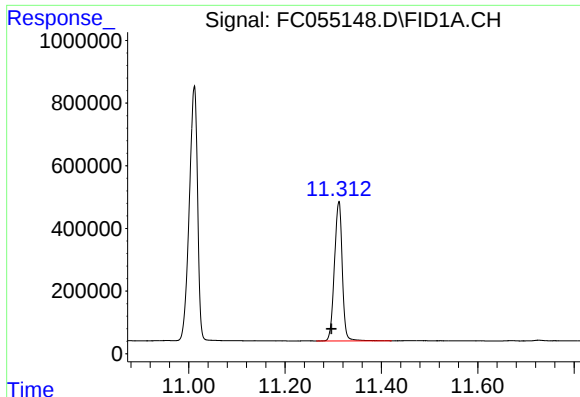
#7 n-Hexadecane (C16)

R.T.: 9.575 min
Delta R.T.: 0.017 min
Response: 9471613
Conc: 83.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.010 min
Delta R.T.: 0.017 min
Response: 9556218
Conc: 81.04 ug/ml



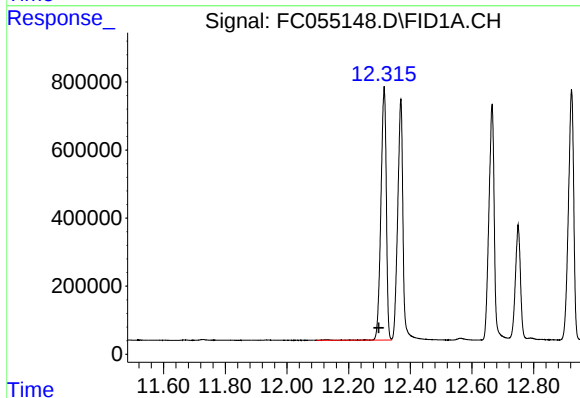
#9 ortho-Terphenyl (SURR)

R.T.: 11.311 min
Delta R.T.: 0.015 min
Response: 5018484
Conc: 39.86 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

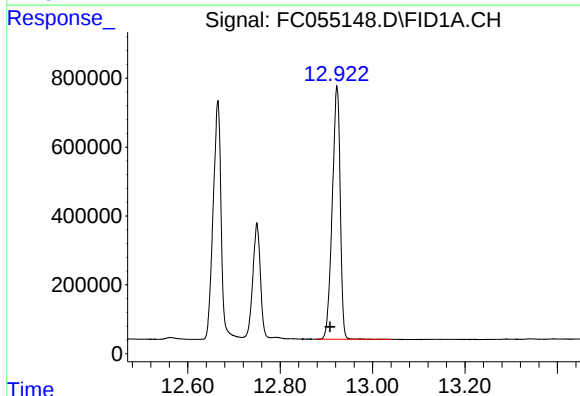
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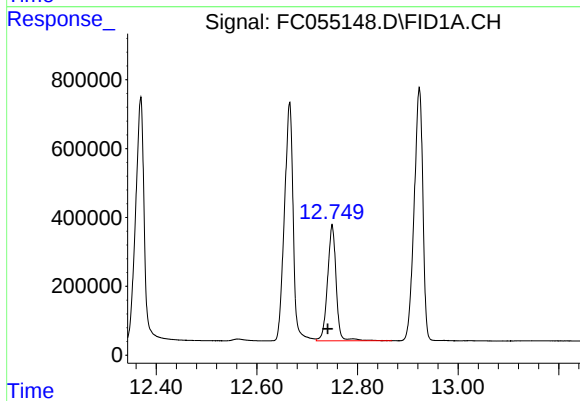
#10 n-Eicosane (C20)

R.T.: 12.314 min
Delta R.T.: 0.016 min
Response: 9009550
Conc: 76.74 ug/ml



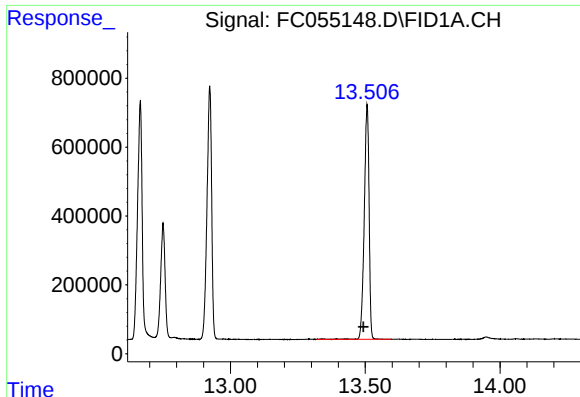
#11 n-Heneicosane (C21)

R.T.: 12.922 min
Delta R.T.: 0.014 min
Response: 8799730
Conc: 74.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.749 min
Delta R.T.: 0.009 min
Response: 3985100
Conc: 40.21 ug/ml



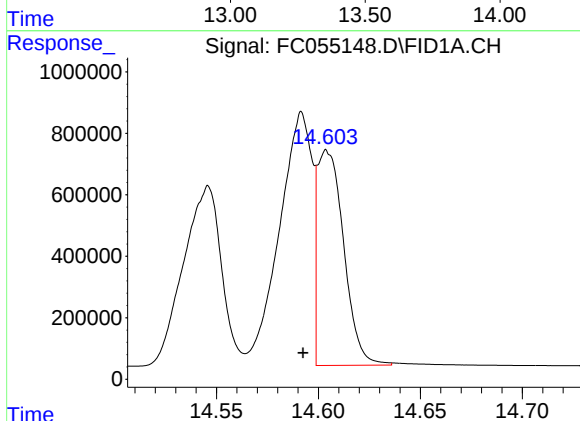
#13 n-Docosane (C22)

R.T.: 13.506 min
Delta R.T.: 0.013 min
Response: 8500322
Conc: 72.78 ug/ml

Instrument :
FID_C
ClientSampleId :
6MSD

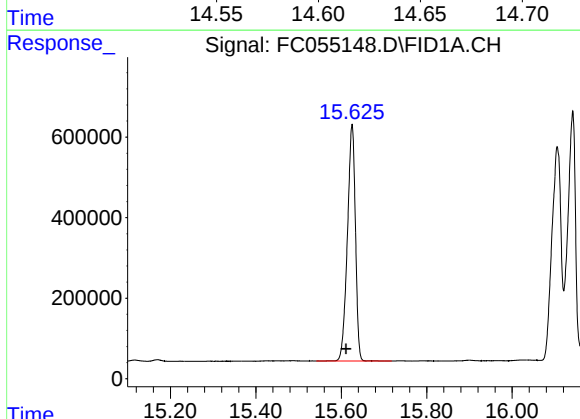
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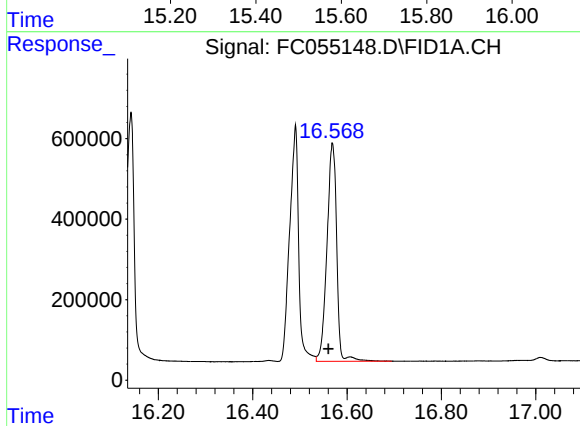
#14 n-Tetracosane (C24)

R.T.: 14.603 min
Delta R.T.: 0.011 min
Response: 6228540
Conc: 53.81 ug/ml m



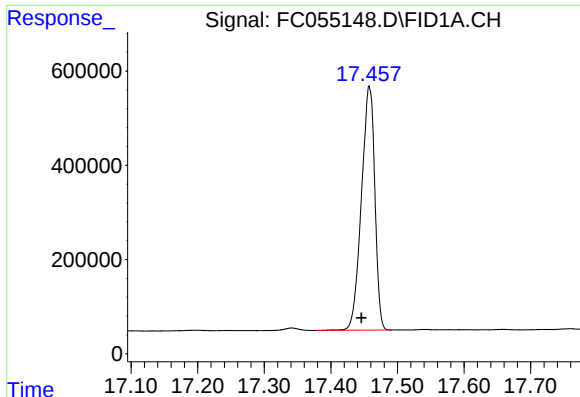
#15 n-Hexacosane (C26)

R.T.: 15.625 min
Delta R.T.: 0.013 min
Response: 7634309
Conc: 68.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.569 min
Delta R.T.: 0.008 min
Response: 7753790
Conc: 71.42 ug/ml



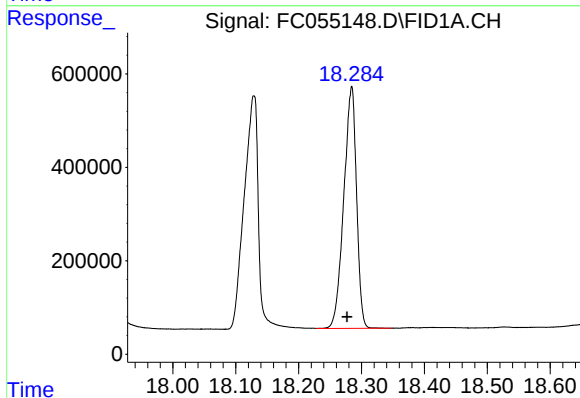
#17 n-Tricontane (C30)

R.T.: 17.457 min
Delta R.T.: 0.011 min
Response: 7236386
Conc: 69.31 ug/ml

Instrument :
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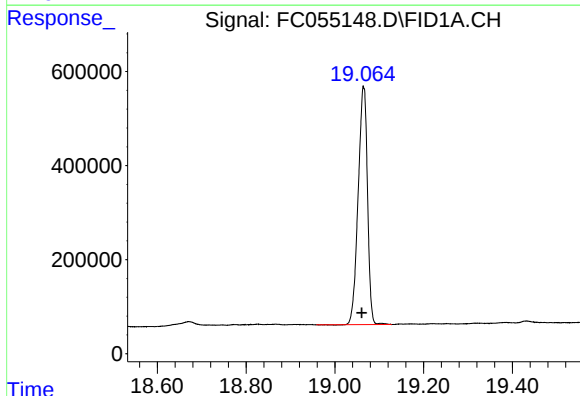
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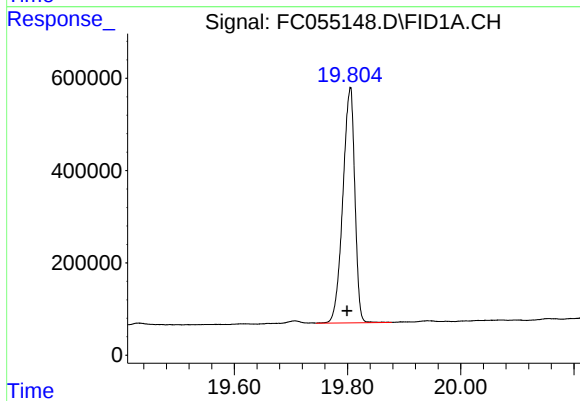
#18 n-Dotriacontane (C32)

R.T.: 18.283 min
Delta R.T.: 0.006 min
Response: 7295362
Conc: 73.67 ug/ml



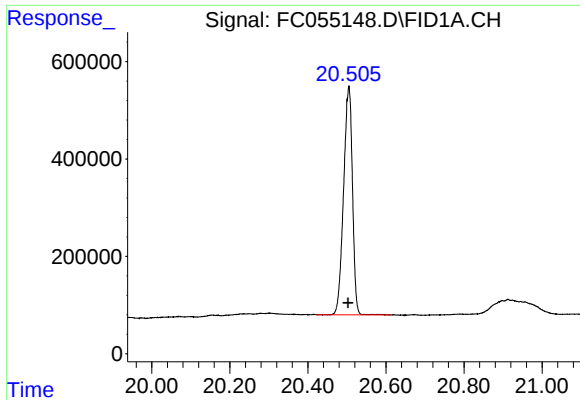
#19 n-Tetratriacontane (C34)

R.T.: 19.064 min
Delta R.T.: 0.003 min
Response: 7376490
Conc: 77.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.803 min
Delta R.T.: 0.004 min
Response: 7494046
Conc: 82.93 ug/ml



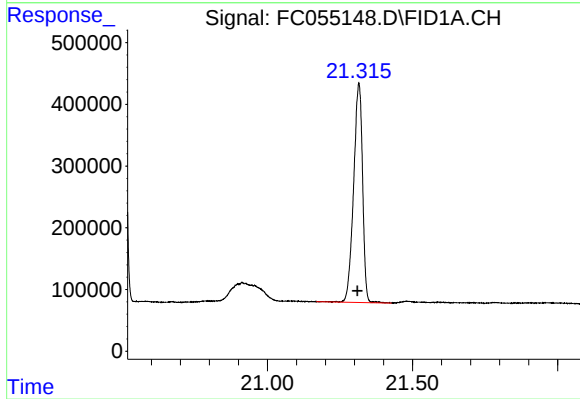
#21 n-Octatriacontane (C38)

R.T.: 20.504 min
Delta R.T.: 0.001 min
Response: 7408042
Conc: 85.74 ug/ml

Instrument :
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ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.314 min
Delta R.T.: 0.004 min
Response: 7607494
Conc: 85.43 ug/ml