

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081621AL\
 Data File : FC055213.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2021 00:13
 Operator : AJ\MA
 Sample : PB138448BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB138448BS

Manual Integrations
 APPROVED

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 8/17/2021 3:46:52 PM

Integration File: autoint1.e
 Quant Time: Aug 17 01:34:38 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)	11.308	5959956	47.339 ug/ml
Spiked Amount 50.000		Recovery =	94.68%
12) S 1-chlorooctadecane (S...	12.747	4822718	48.662 ug/ml
Spiked Amount 50.000		Recovery =	97.32%
Target Compounds			
1) T n-Nonane (C9)	3.155	4398540	42.065 ug/ml
2) T n-Decane (C10)	4.198	4640213	44.064 ug/ml
3) T A~Naphthalene (C11.7)	5.756	5218499	48.027 ug/ml
4) T n-Dodecane (C12)	6.193	5060855	46.605 ug/ml
5) T A~2-methylnaphthalene...	6.806	5193672	47.587 ug/ml
6) T n-Tetradecane (C14)	7.979	5455877	48.872 ug/ml
7) T n-Hexadecane (C16)	9.569	5737654	50.307 ug/ml
8) T n-Octadecane (C18)	11.005	6032225	51.154 ug/ml
10) T n-Eicosane (C20)	12.308	5773939	49.180 ug/ml
11) T n-Heneicosane (C21)	12.917	5699759	48.272 ug/ml
13) T n-Docosane (C22)	13.499	5569377	47.685 ug/mlm
14) T n-Tetracosane (C24)	14.597	10189359	88.030 ug/ml
15) T n-Hexacosane (C26)	15.617	5079447	45.323 ug/ml
16) T n-Octacosane (C28)	16.562	4926440	45.374 ug/ml
17) T n-Tricontane (C30)	17.448	4645617	44.494 ug/ml
18) T n-Dotriacontane (C32)	18.276	4430006	44.732 ug/ml
19) T n-Tetratriacontane (C34)	19.056	4170970	44.007 ug/ml
20) T n-Hexatriacontane (C36)	19.793	3909172	43.260 ug/ml
21) T n-Octatriacontane (C38)	20.494	3767676	43.605 ug/ml
22) T n-Tetracontane (C40)	21.297	3875098	43.514 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 19 Sample Multiplier: 1

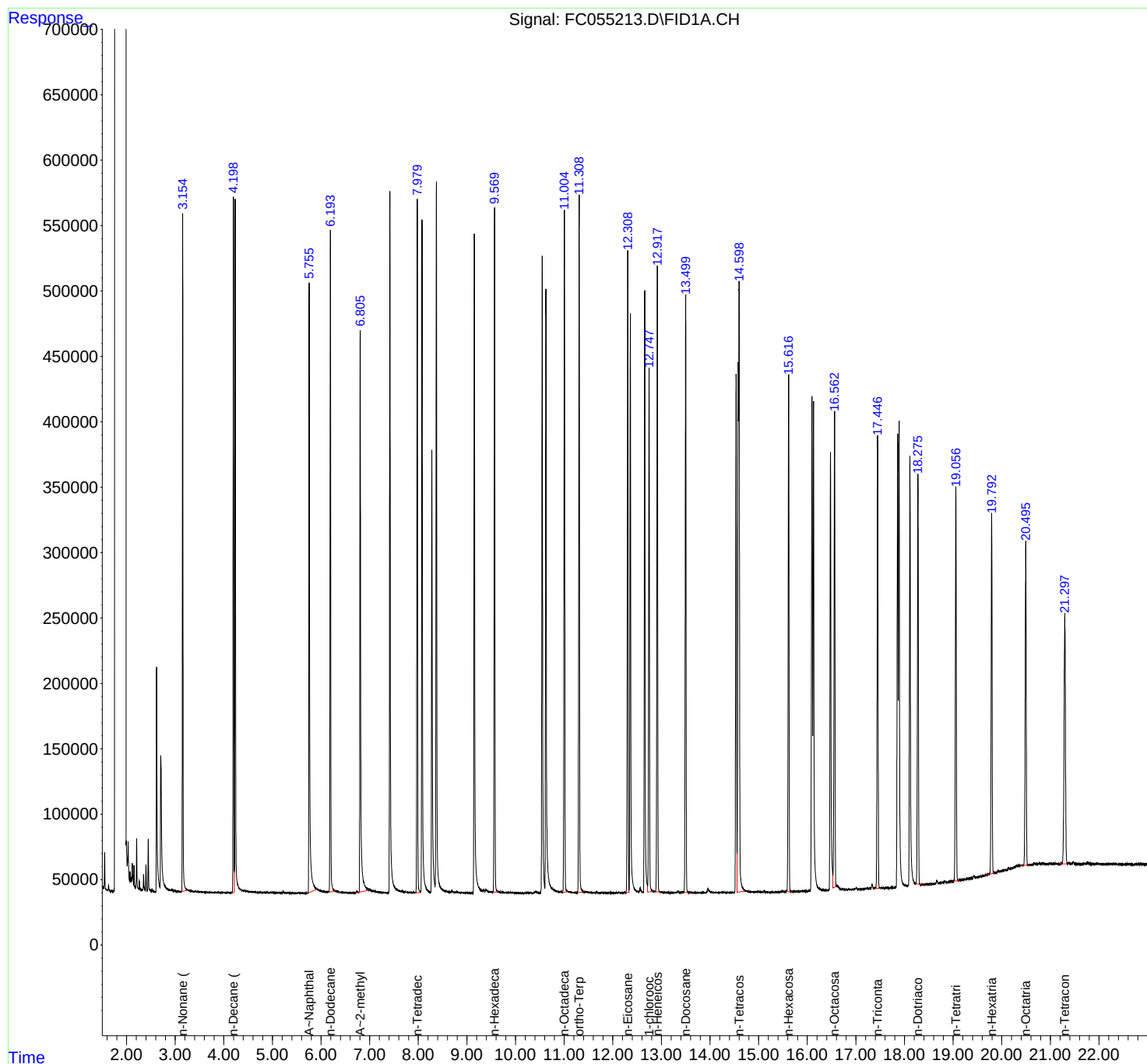
Instrument :
FID_C
ClientSampled :
PB138448BS

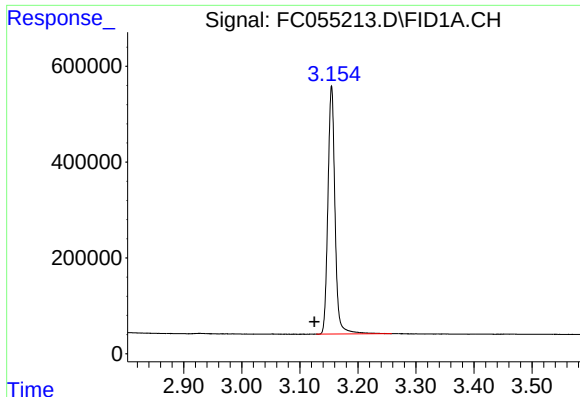
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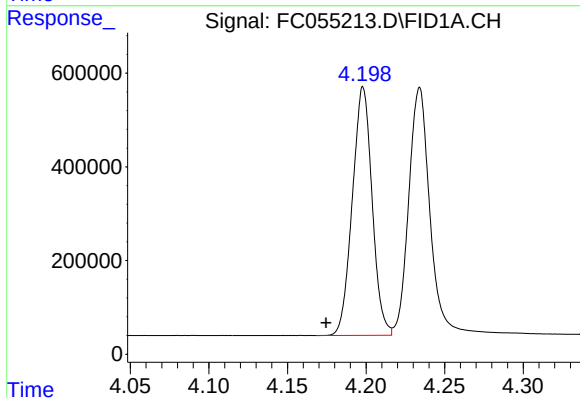
#1 n-Nonane (C9)

R.T.: 3.155 min
Delta R.T.: 0.030 min
Response: 4398540
Conc: 42.06 ug/ml

Instrument :
FID_C
ClientSampleId :
PB138448BS

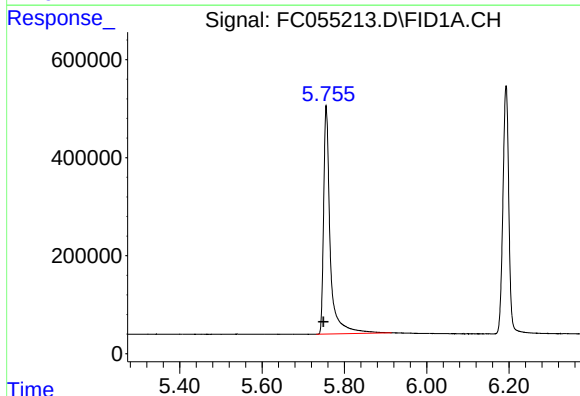
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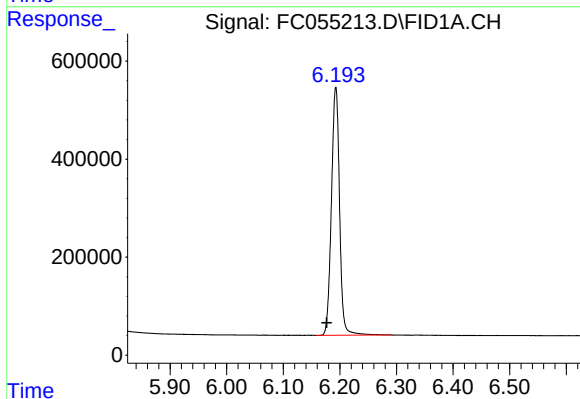
#2 n-Decane (C10)

R.T.: 4.198 min
Delta R.T.: 0.023 min
Response: 4640213
Conc: 44.06 ug/ml



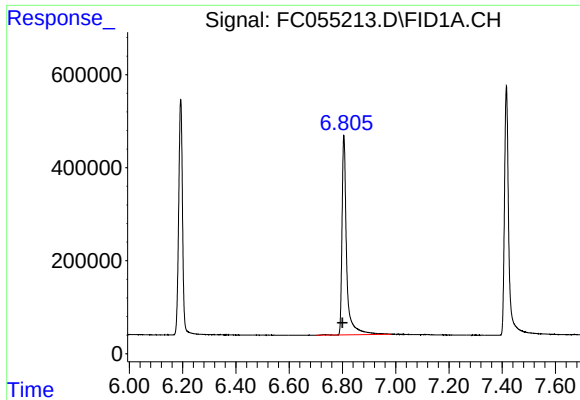
#3 A~Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: 0.007 min
Response: 5218499
Conc: 48.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.193 min
Delta R.T.: 0.016 min
Response: 5060855
Conc: 46.60 ug/ml



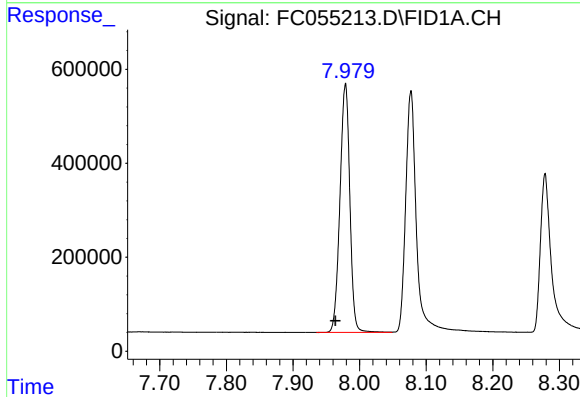
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.806 min
Delta R.T.: 0.005 min
Response: 5193672
Conc: 47.59 ug/ml

Instrument :
FID_C
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PB138448BS

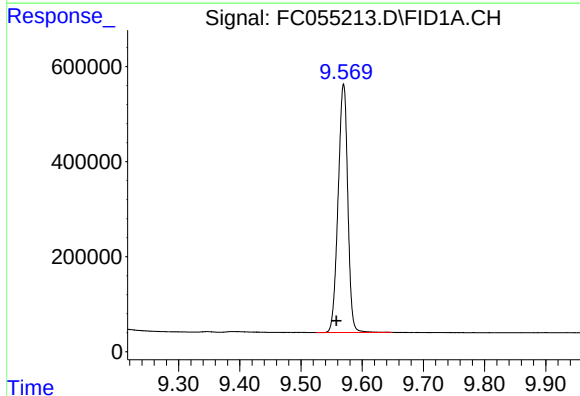
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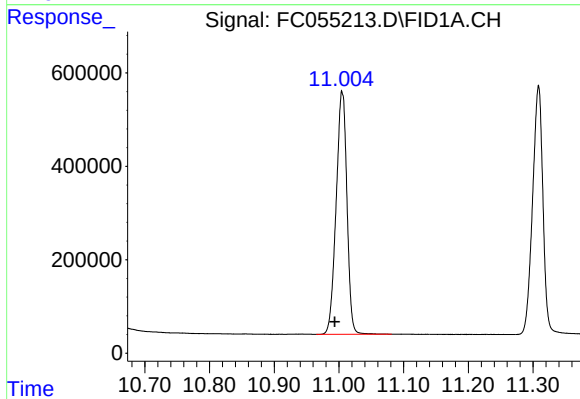
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: 0.015 min
Response: 5455877
Conc: 48.87 ug/ml



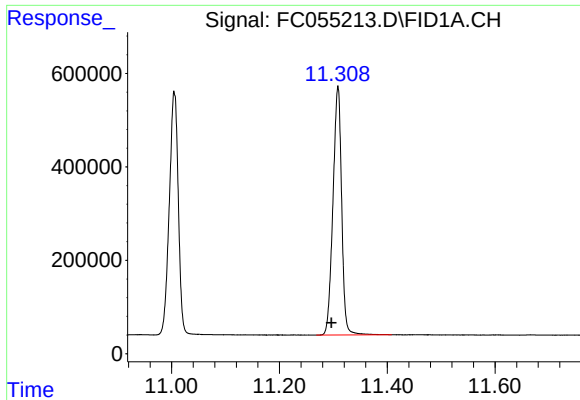
#7 n-Hexadecane (C16)

R.T.: 9.569 min
Delta R.T.: 0.011 min
Response: 5737654
Conc: 50.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.005 min
Delta R.T.: 0.011 min
Response: 6032225
Conc: 51.15 ug/ml



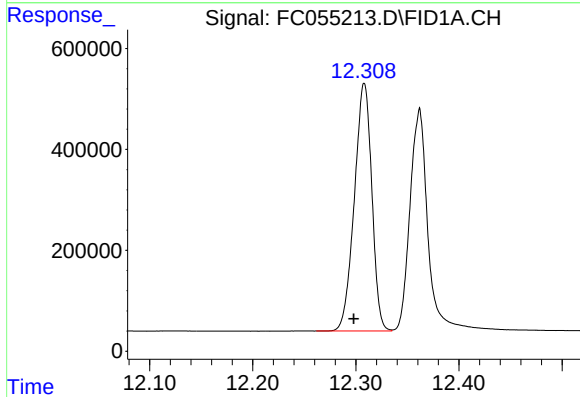
#9 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.012 min
Response: 5959956
Conc: 47.34 ug/ml

Instrument :
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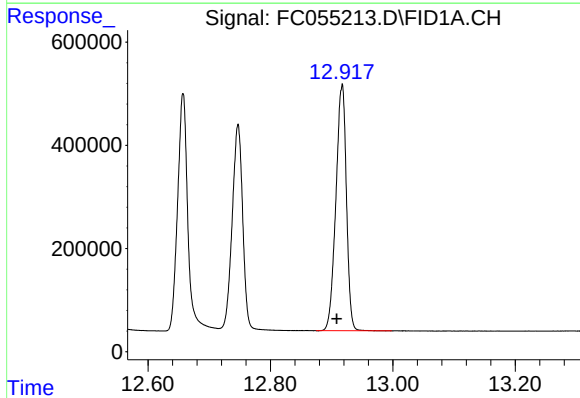
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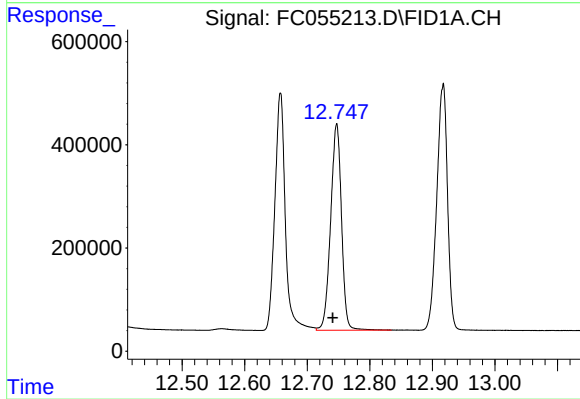
#10 n-Eicosane (C20)

R.T.: 12.308 min
Delta R.T.: 0.010 min
Response: 5773939
Conc: 49.18 ug/ml



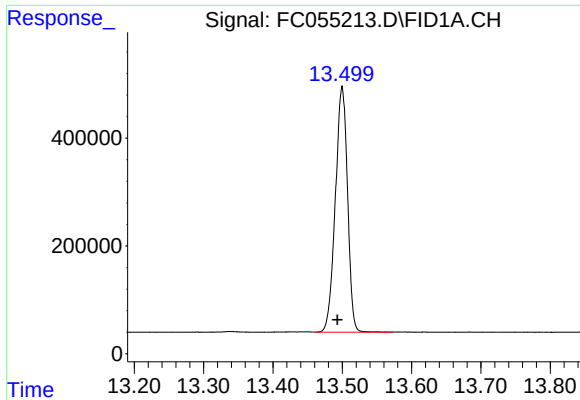
#11 n-Heneicosane (C21)

R.T.: 12.917 min
Delta R.T.: 0.009 min
Response: 5699759
Conc: 48.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.747 min
Delta R.T.: 0.006 min
Response: 4822718
Conc: 48.66 ug/ml



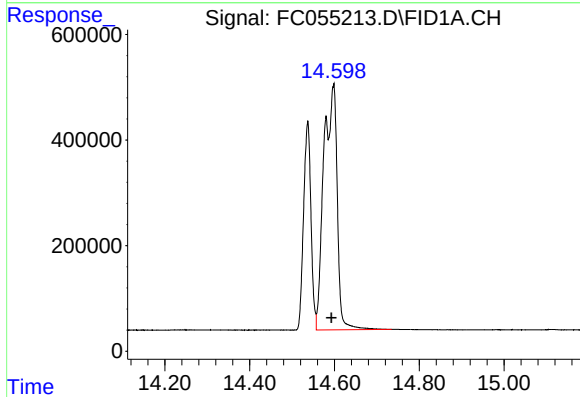
#13 n-Docosane (C22)

R.T.: 13.499 min
Delta R.T.: 0.006 min
Response: 5569377
Conc: 47.68 ug/ml m

Instrument :
FID_C
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PB138448BS

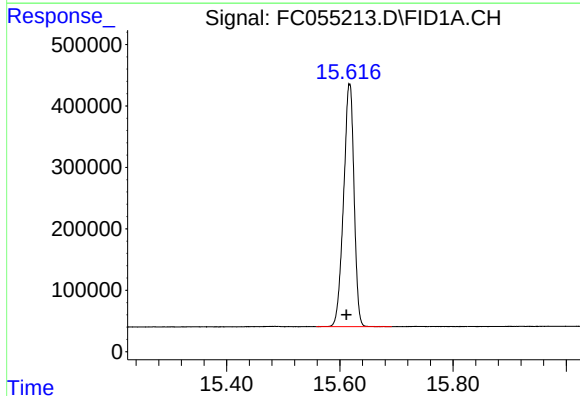
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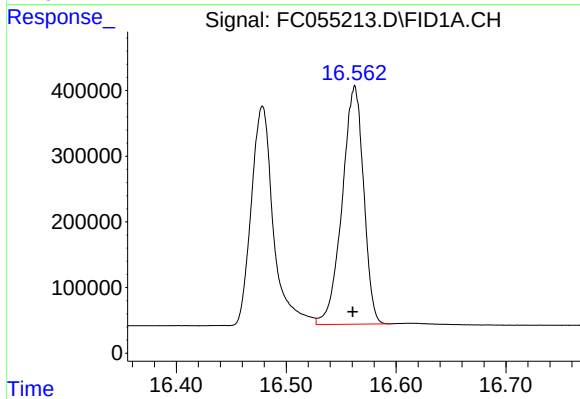
#14 n-Tetracosane (C24)

R.T.: 14.597 min
Delta R.T.: 0.005 min
Response: 10189359
Conc: 88.03 ug/ml



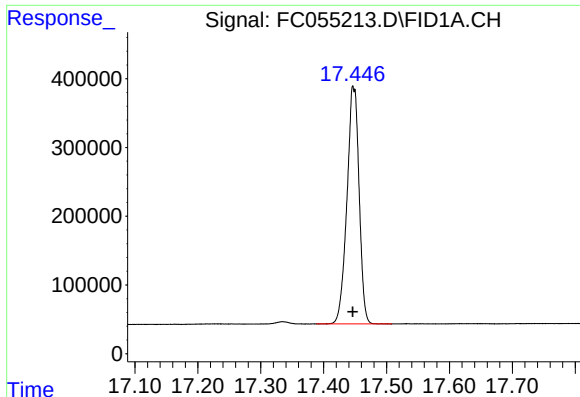
#15 n-Hexacosane (C26)

R.T.: 15.617 min
Delta R.T.: 0.005 min
Response: 5079447
Conc: 45.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.562 min
Delta R.T.: 0.001 min
Response: 4926440
Conc: 45.37 ug/ml



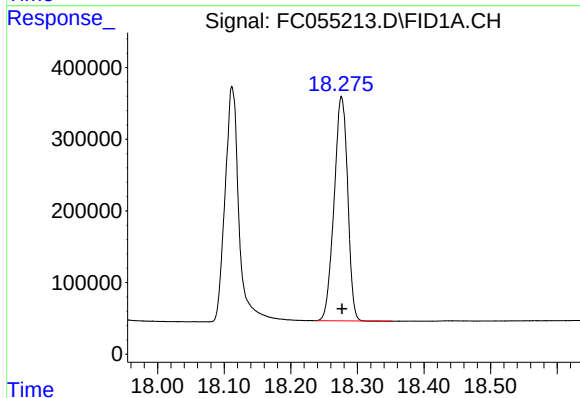
#17 n-Tricontane (C30)

R.T.: 17.448 min
Delta R.T.: 0.001 min
Response: 4645617
Conc: 44.49 ug/ml

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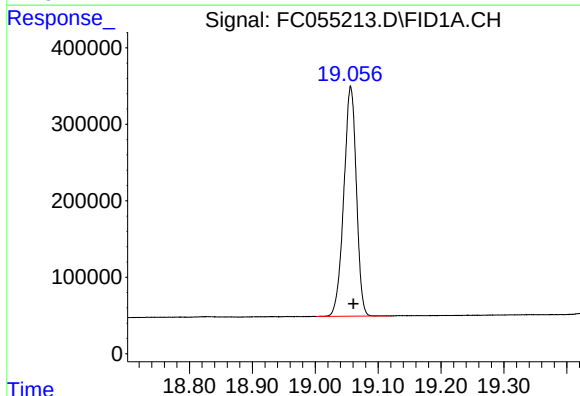
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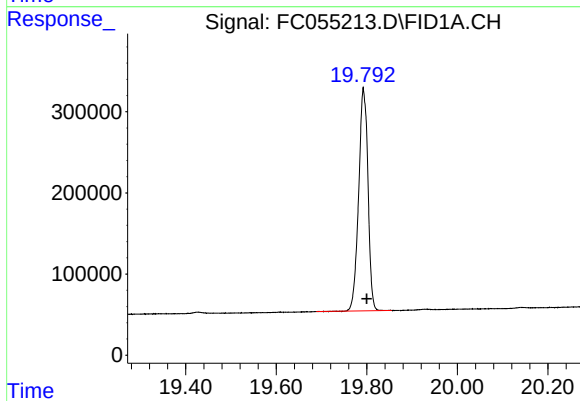
#18 n-Dotriacontane (C32)

R.T.: 18.276 min
Delta R.T.: 0.000 min
Response: 4430006
Conc: 44.73 ug/ml



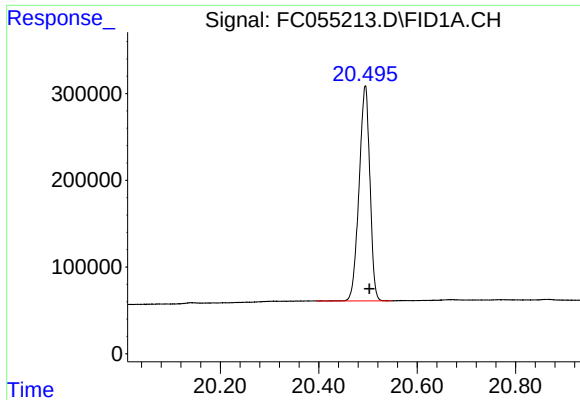
#19 n-Tetratriacontane (C34)

R.T.: 19.056 min
Delta R.T.: -0.004 min
Response: 4170970
Conc: 44.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.793 min
Delta R.T.: -0.007 min
Response: 3909172
Conc: 43.26 ug/ml



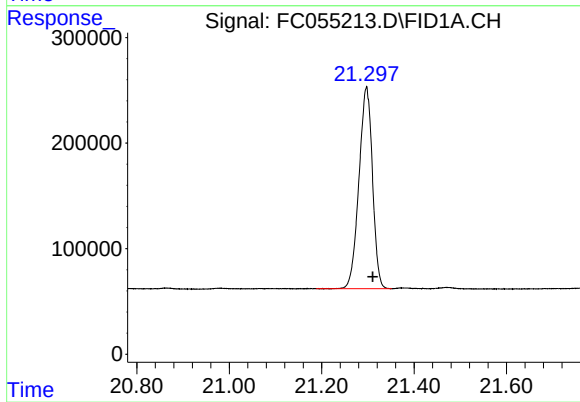
#21 n-Octatriacontane (C38)

R.T.: 20.494 min
Delta R.T.: -0.008 min
Response: 3767676
Conc: 43.61 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.297 min
Delta R.T.: -0.013 min
Response: 3875098
Conc: 43.51 ug/ml