

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041521AL\
 Data File : FC053194.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 19:51
 Operator : DD\AJ
 Sample : M2047-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 130-SB2W-(9.5-10)MS

Manual Integrations
 APPROVED

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 4/16/2021 11:10:25 AM

Integration File: autoint1.e
 Quant Time: Apr 16 01:21:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.557	6571902	45.489 ug/ml
Spiked Amount 50.000		Recovery =	90.98%
12) S 1-chlorooctadecane (S...	12.995	5177342	44.809 ug/ml
Spiked Amount 50.000		Recovery =	89.62%
Target Compounds			
1) T n-Nonane (C9)	3.332	6705056	53.572 ug/ml
2) T n-Decane (C10)	4.386	7095543	56.362 ug/ml
3) T A~Naphthalene (C11.7)	5.963	7825035	56.174 ug/ml
4) T n-Dodecane (C12)	6.397	7366430	57.517 ug/ml
5) T A~2-methylnaphthalene...	7.020	7624184	53.935 ug/ml
6) T n-Tetradecane (C14)	8.196	7389959	57.435 ug/ml
7) T n-Hexadecane (C16)	9.798	7380837	57.727 ug/ml
8) T n-Octadecane (C18)	11.242	7400246	54.719 ug/ml
10) T n-Eicosane (C20)	12.553	7017362	51.089 ug/ml
11) T n-Heneicosane (C21)	13.165	6860731	49.932 ug/ml
13) T n-Docosane (C22)	13.752	6727501	48.807 ug/ml
14) T n-Tetracosane (C24)	14.840	7213025	52.314 ug/mlm
15) T n-Hexacosane (C26)	15.878	5959628	43.949 ug/ml
16) T n-Octacosane (C28)	16.828	5805512	43.554 ug/ml
17) T n-Tricontane (C30)	17.718	5506086	42.903 ug/ml
18) T n-Dotriacontane (C32)	18.548	5279383	44.190 ug/ml
19) T n-Tetratriacontane (C34)	19.332	5311726	47.961 ug/ml
20) T n-Hexatriacontane (C36)	20.072	5212827	51.658 ug/ml
21) T n-Octatriacontane (C38)	20.805	5208202	58.459 ug/ml
22) T n-Tetracontane (C40)	21.708	5385034	67.267 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M2047-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

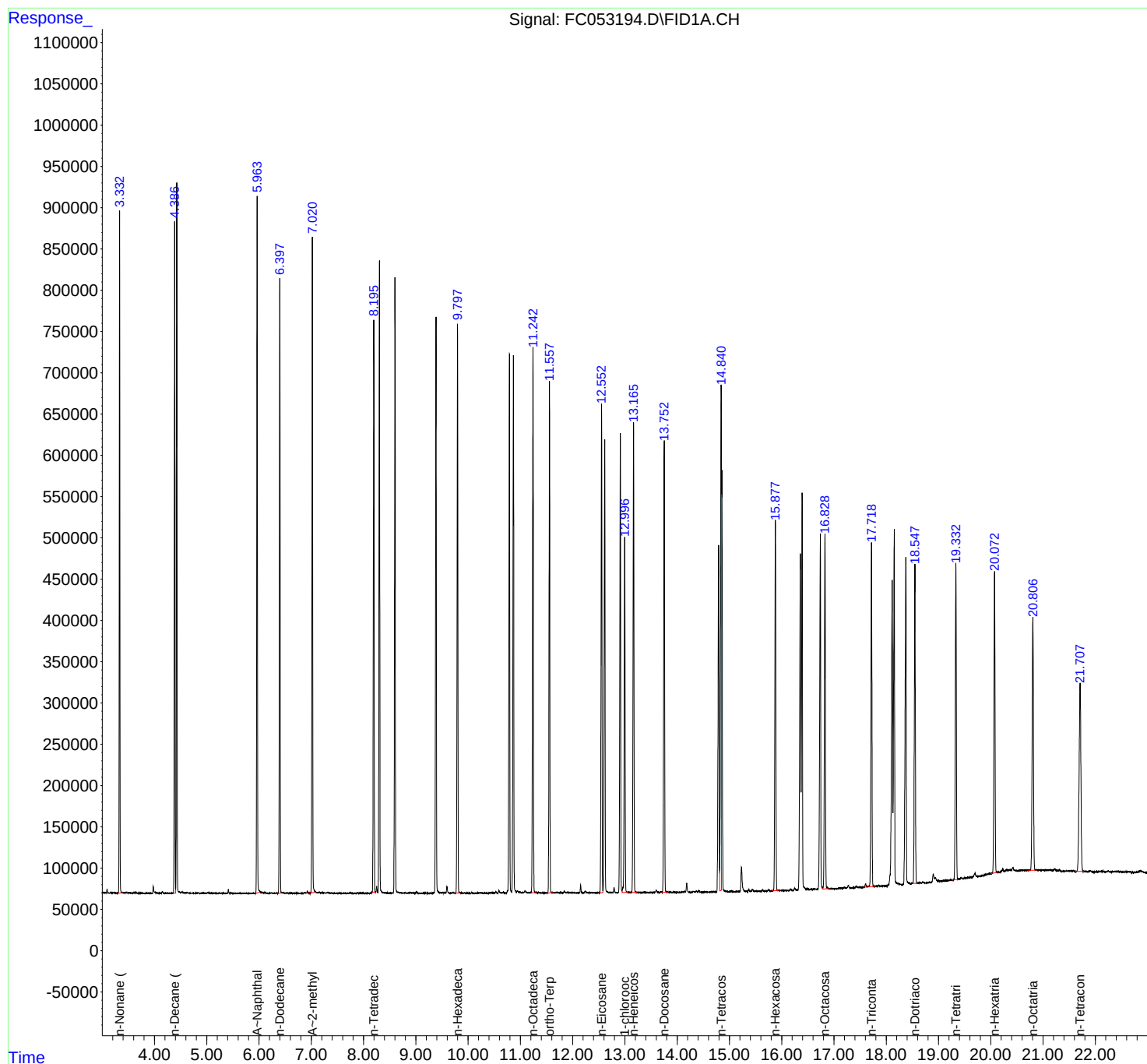
Instrument :
FID_C
ClientSampled :
130-SB2W-(9.5-10)MS

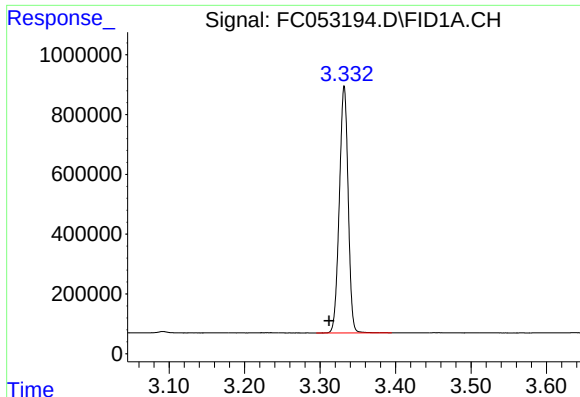
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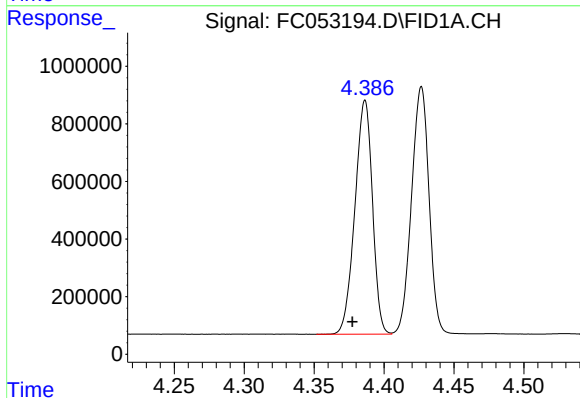
#1 n-Nonane (C9)

R.T.: 3.332 min
Delta R.T.: 0.020 min
Response: 6705056
Conc: 53.57 ug/ml

Instrument :
FID_C
ClientSampleId :
130-SB2W-(9.5-10)MS

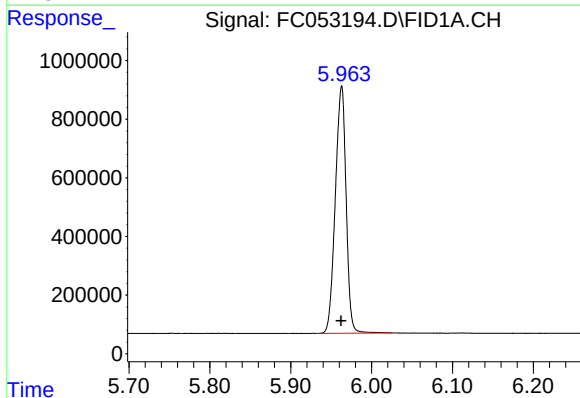
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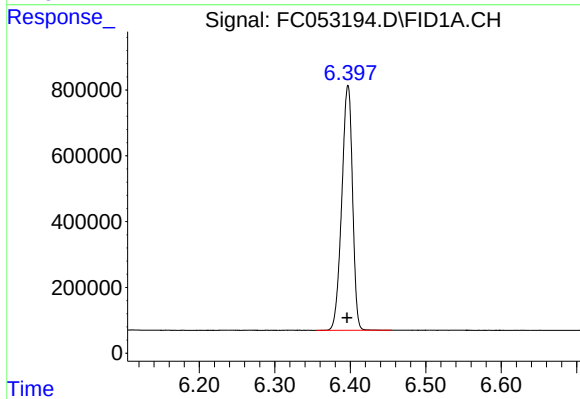
#2 n-Decane (C10)

R.T.: 4.386 min
Delta R.T.: 0.009 min
Response: 7095543
Conc: 56.36 ug/ml



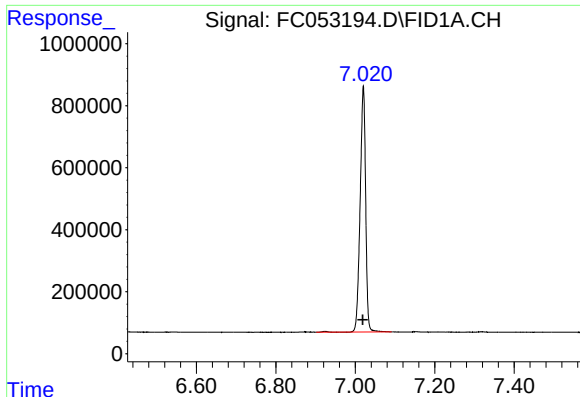
#3 A~Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 7825035
Conc: 56.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.001 min
Response: 7366430
Conc: 57.52 ug/ml



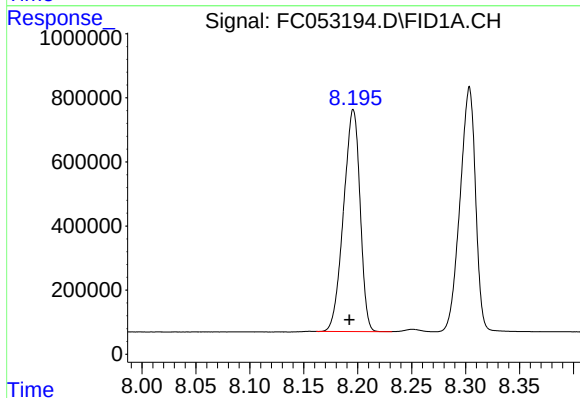
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.020 min
Delta R.T.: 0.001 min
Response: 7624184
Conc: 53.94 ug/ml

Instrument :
FID_C
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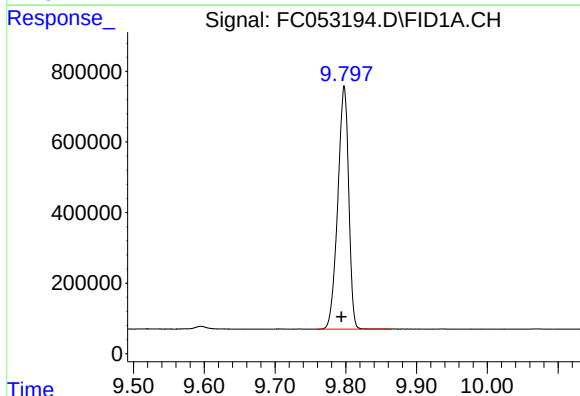
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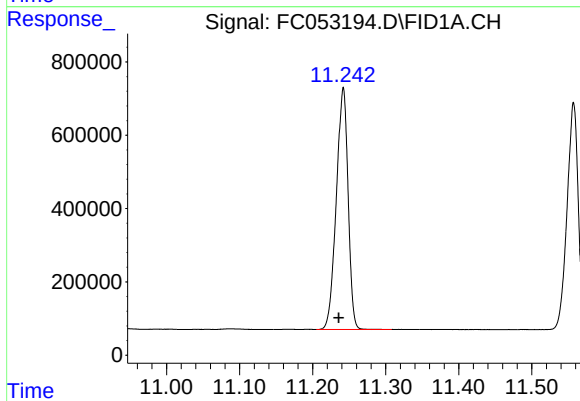
#6 n-Tetradecane (C14)

R.T.: 8.196 min
Delta R.T.: 0.003 min
Response: 7389959
Conc: 57.43 ug/ml



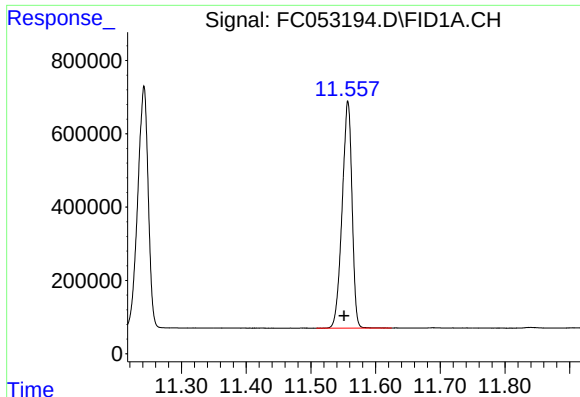
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.003 min
Response: 7380837
Conc: 57.73 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.242 min
Delta R.T.: 0.006 min
Response: 7400246
Conc: 54.72 ug/ml



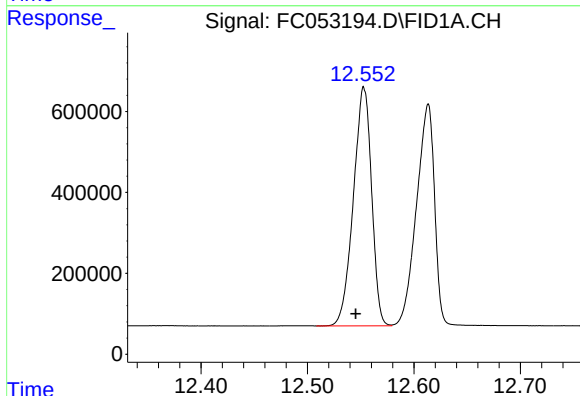
#9 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: 0.006 min
Response: 6571902
Conc: 45.49 ug/ml

Instrument :
FID_C
ClientSampleId :
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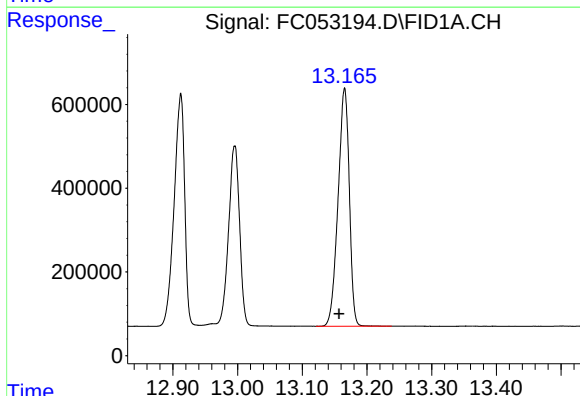
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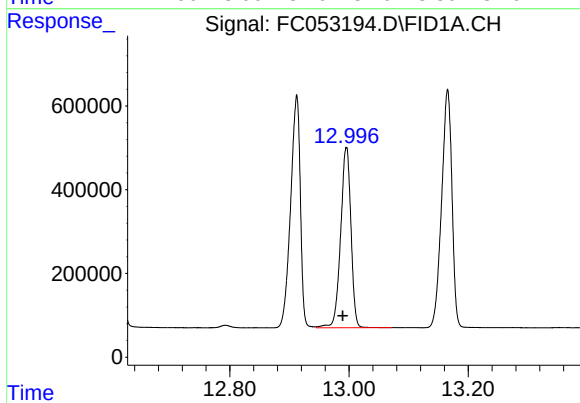
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: 0.008 min
Response: 7017362
Conc: 51.09 ug/ml



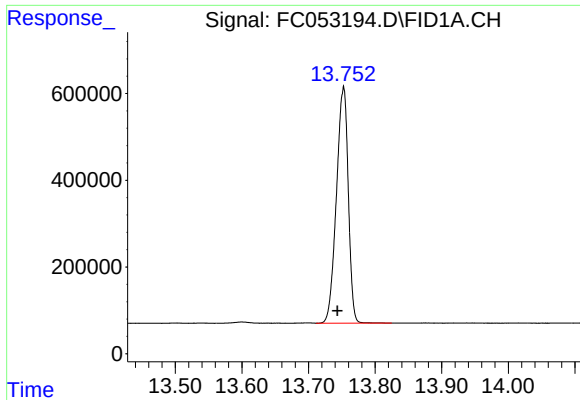
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.008 min
Response: 6860731
Conc: 49.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.995 min
Delta R.T.: 0.006 min
Response: 5177342
Conc: 44.81 ug/ml



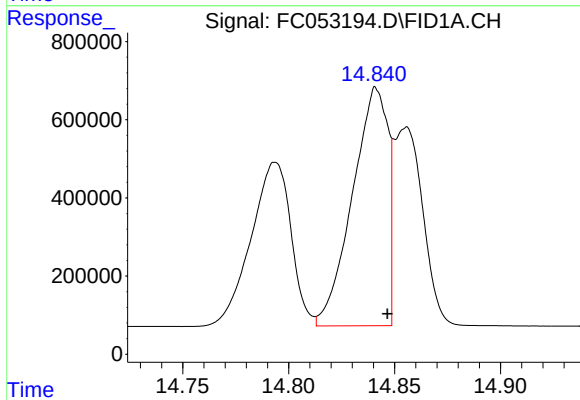
#13 n-Docosane (C22)

R.T.: 13.752 min
Delta R.T.: 0.008 min
Response: 6727501
Conc: 48.81 ug/ml

Instrument :
FID_C
ClientSampleId :
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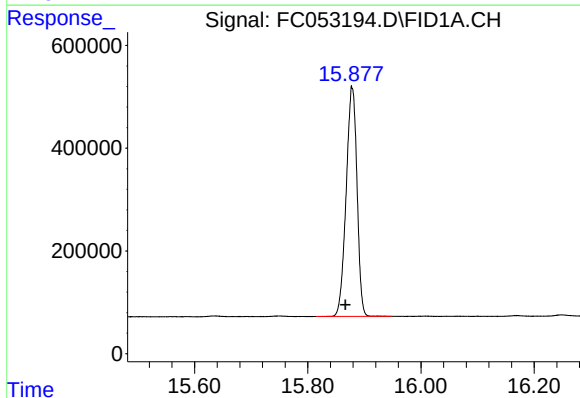
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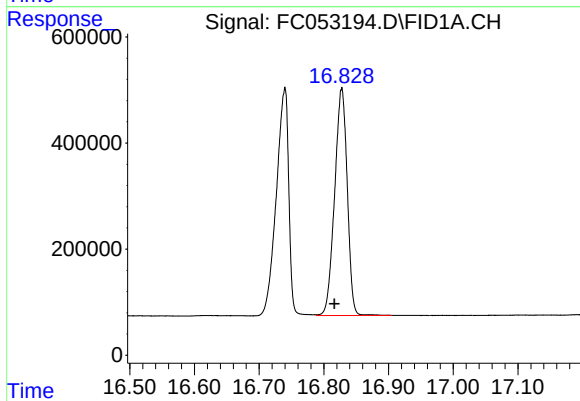
#14 n-Tetracosane (C24)

R.T.: 14.840 min
Delta R.T.: -0.006 min
Response: 7213025
Conc: 52.31 ug/ml m



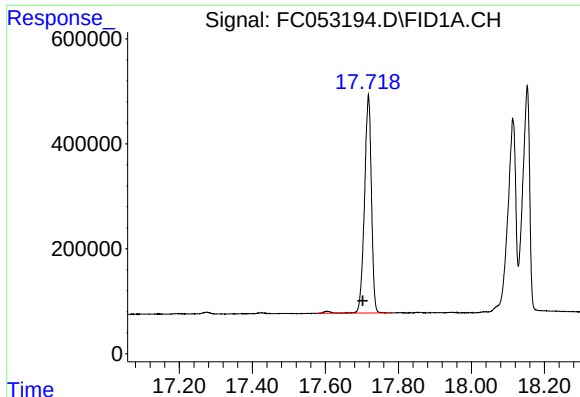
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: 0.012 min
Response: 5959628
Conc: 43.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.828 min
Delta R.T.: 0.011 min
Response: 5805512
Conc: 43.55 ug/ml



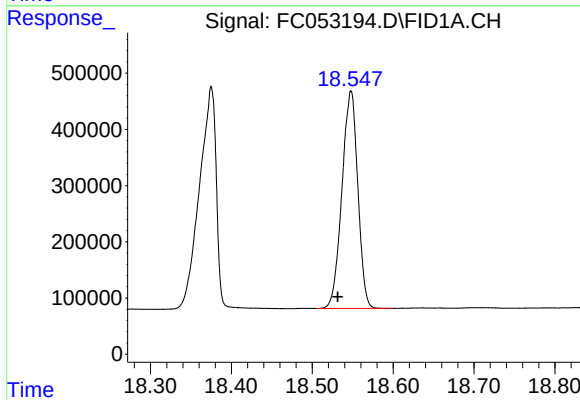
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: 0.016 min
Response: 5506086
Conc: 42.90 ug/ml

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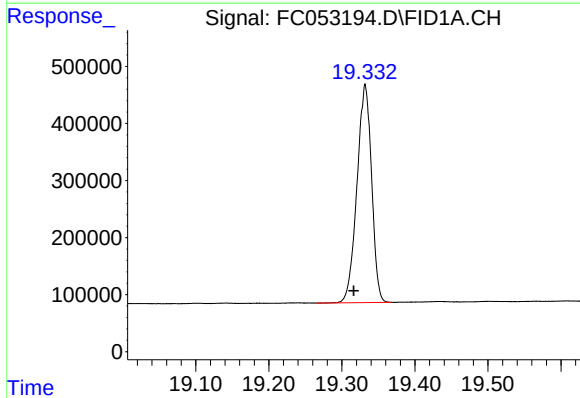
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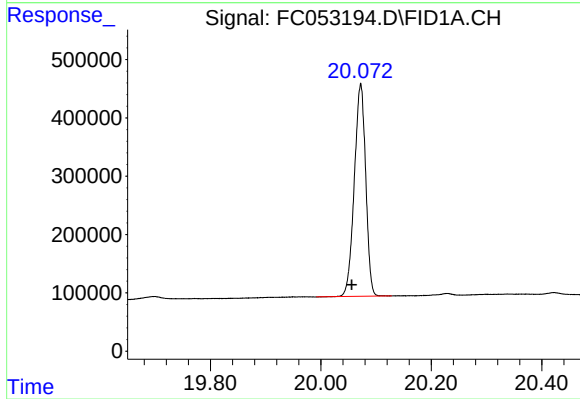
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.016 min
Response: 5279383
Conc: 44.19 ug/ml



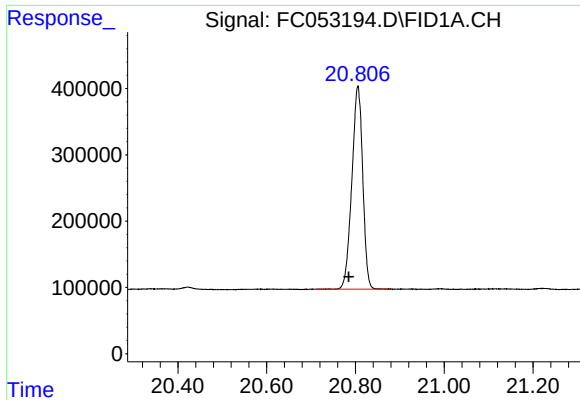
#19 n-Tetratriacontane (C34)

R.T.: 19.332 min
Delta R.T.: 0.015 min
Response: 5311726
Conc: 47.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.072 min
Delta R.T.: 0.016 min
Response: 5212827
Conc: 51.66 ug/ml



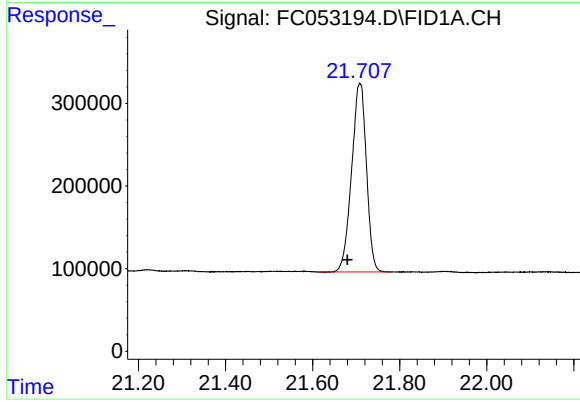
#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.021 min
Response: 5208202
Conc: 58.46 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.708 min
Delta R.T.: 0.028 min
Response: 5385034
Conc: 67.27 ug/ml