

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121521AL\
 Data File : FC057494.D
 Signal(s) : FID1A.CH
 Acq On : 15 Dec 2021 16:53
 Operator : AJ\MA
 Sample : M5022-19MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP11MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/16/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: sample.E
 Quant Time: Dec 16 01:53:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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)	10.840	6710800	48.225 ug/ml
Spiked Amount 50.000		Recovery =	96.45%
12) S 1-chlorooctadecane (S...	12.276	5315606	48.001 ug/ml
Spiked Amount 50.000		Recovery =	96.00%
Target Compounds			
1) T n-Nonane (C9)	2.698	3790745	30.682 ug/mlm
2) T n-Decane (C10)	3.706	4494384	36.083 ug/mlm
3) T A~Naphthalene (C11.7)	5.265	5534452	39.893 ug/mlm
4) T n-Dodecane (C12)	5.694	5140163	41.623 ug/ml
5) T A~2-methylnaphthalene...	6.314	5726191	40.947 ug/ml
6) T n-Tetradecane (C14)	7.485	5561786	44.916 ug/ml
7) T n-Hexadecane (C16)	9.082	5863928	46.767 ug/ml
8) T n-Octadecane (C18)	10.524	6084432	47.006 ug/ml
10) T n-Eicosane (C20)	11.881	6615120	50.920 ug/ml
11) T n-Heneicosane (C21)	12.443	6079421	46.322 ug/ml
13) T n-Docosane (C22)	13.029	6068028	46.166 ug/ml
14) T n-Tetracosane (C24)	14.131	5939934	44.660 ug/ml
15) T n-Hexacosane (C26)	15.153	6080864	46.373 ug/ml
16) T n-Octacosane (C28)	16.099	6060509	46.086 ug/mlm
17) T n-Tricontane (C30)	16.989	5809479	42.508 ug/ml
18) T n-Dotriacontane (C32)	17.820	5469708	40.795 ug/ml
19) T n-Tetratriacontane (C34)	18.604	5030480	38.579 ug/ml
20) T n-Hexatriacontane (C36)	19.341	4195909	35.337 ug/ml
21) T n-Octatriacontane (C38)	20.068	3511029	31.968 ug/ml
22) T n-Tetracontane (C40)	20.957	2992837	29.975 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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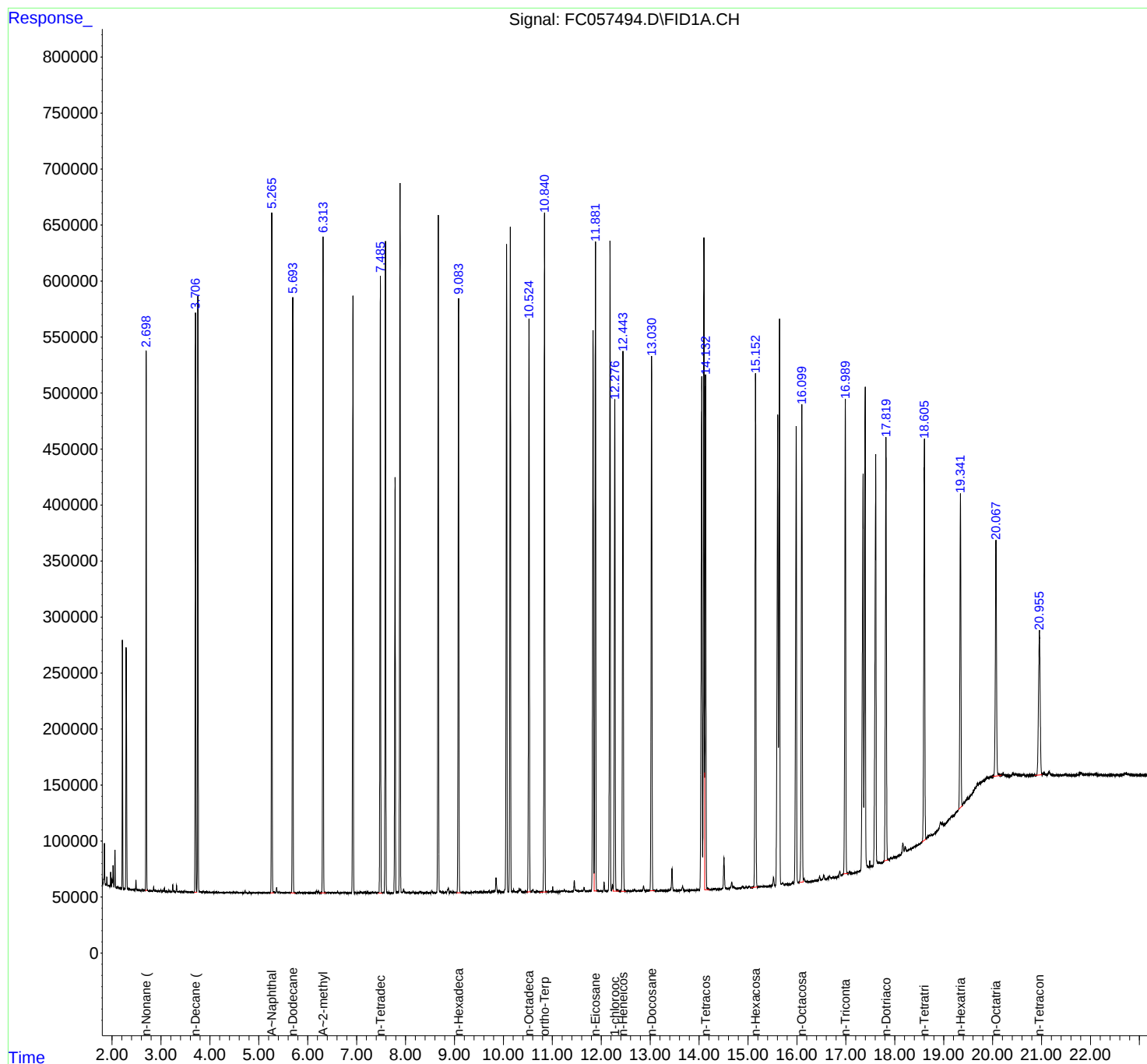
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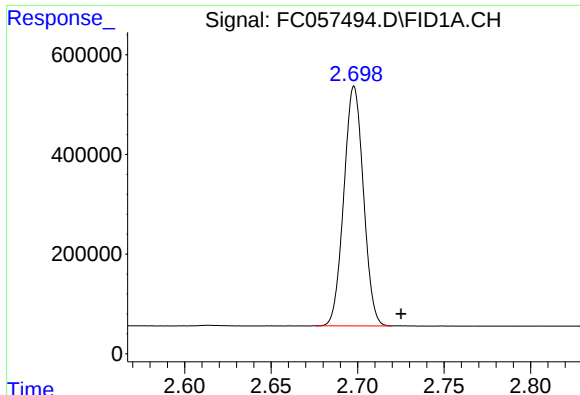
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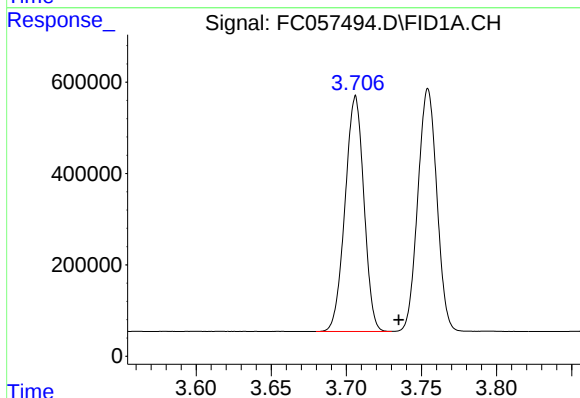
#1 n-Nonane (C9)

R.T.: 2.698 min
Delta R.T.: -0.027 min
Response: 3790745
Conc: 30.68 ug/ml

Instrument :
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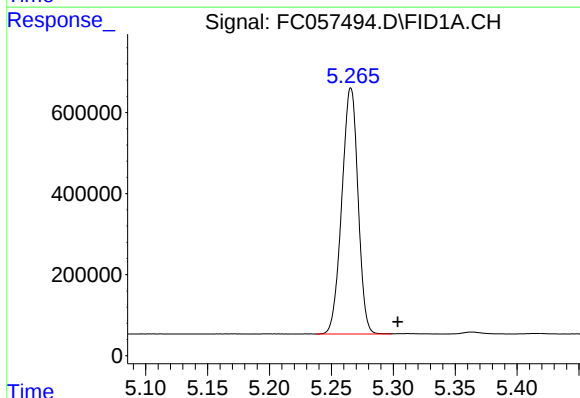
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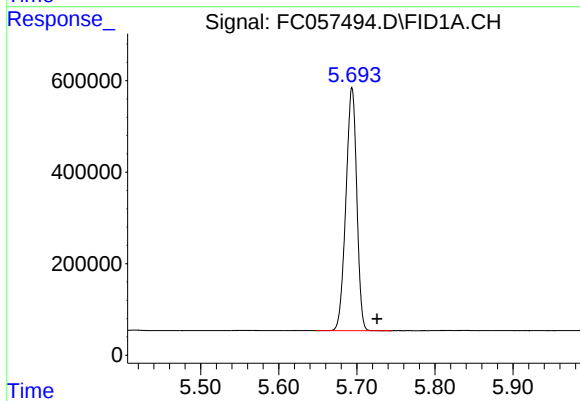
#2 n-Decane (C10)

R.T.: 3.706 min
Delta R.T.: -0.029 min
Response: 4494384
Conc: 36.08 ug/ml m



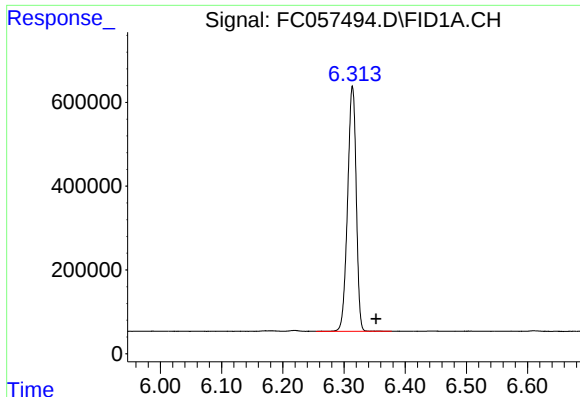
#3 A~Naphthalene (C11.7)

R.T.: 5.265 min
Delta R.T.: -0.038 min
Response: 5534452
Conc: 39.89 ug/ml m



#4 n-Dodecane (C12)

R.T.: 5.694 min
Delta R.T.: -0.032 min
Response: 5140163
Conc: 41.62 ug/ml



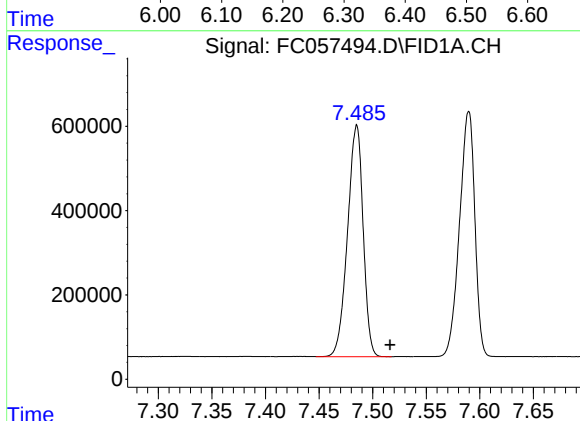
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.314 min
Delta R.T.: -0.038 min
Response: 5726191
Conc: 40.95 ug/ml

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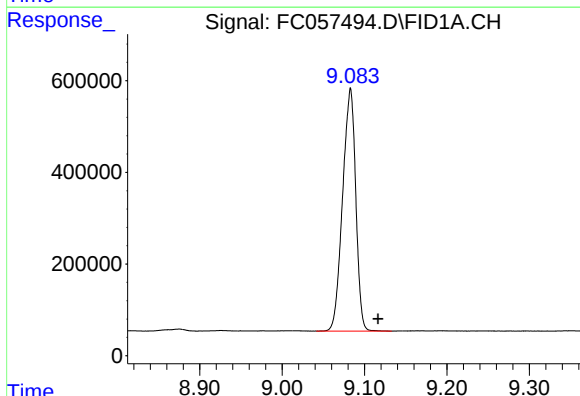
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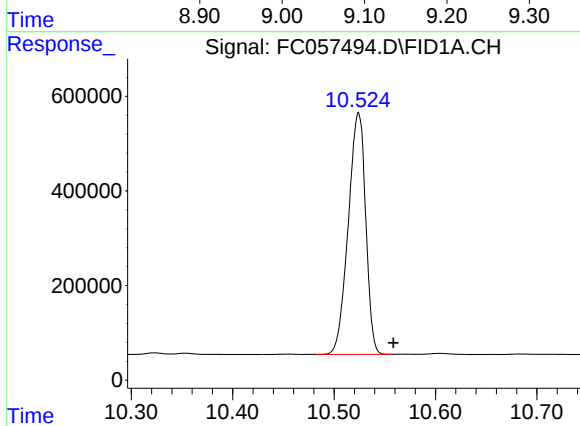
#6 n-Tetradecane (C14)

R.T.: 7.485 min
Delta R.T.: -0.032 min
Response: 5561786
Conc: 44.92 ug/ml



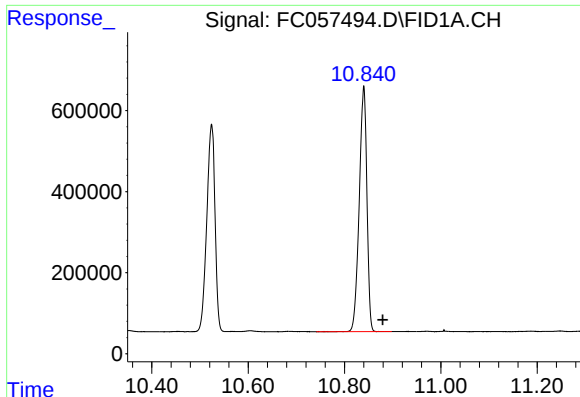
#7 n-Hexadecane (C16)

R.T.: 9.082 min
Delta R.T.: -0.034 min
Response: 5863928
Conc: 46.77 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.524 min
Delta R.T.: -0.035 min
Response: 6084432
Conc: 47.01 ug/ml



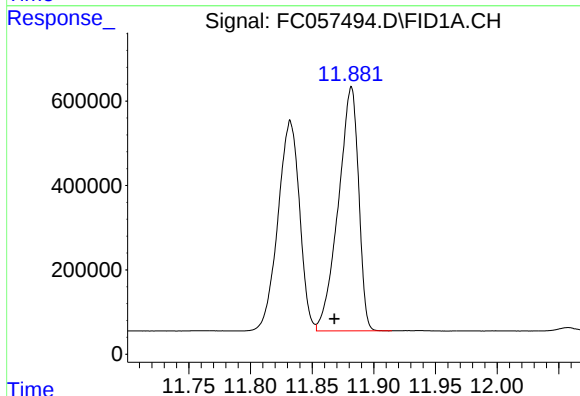
#9 ortho-Terphenyl (SURR)

R.T.: 10.840 min
Delta R.T.: -0.040 min
Response: 6710800
Conc: 48.22 ug/ml

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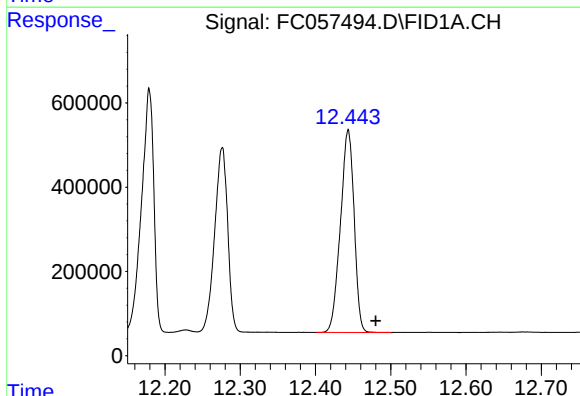
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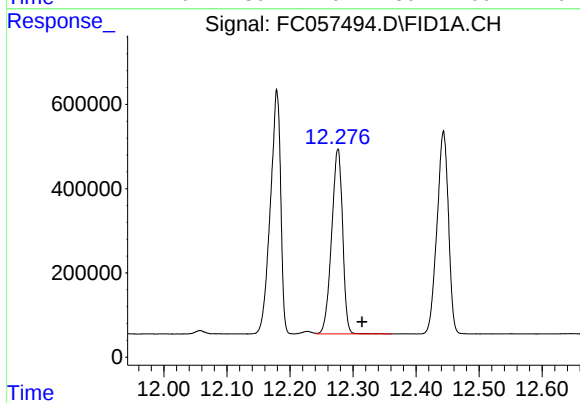
#10 n-Eicosane (C20)

R.T.: 11.881 min
Delta R.T.: 0.013 min
Response: 6615120
Conc: 50.92 ug/ml



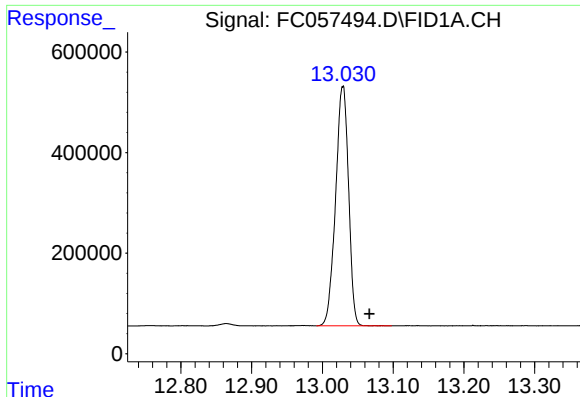
#11 n-Heneicosane (C21)

R.T.: 12.443 min
Delta R.T.: -0.037 min
Response: 6079421
Conc: 46.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.276 min
Delta R.T.: -0.038 min
Response: 5315606
Conc: 48.00 ug/ml



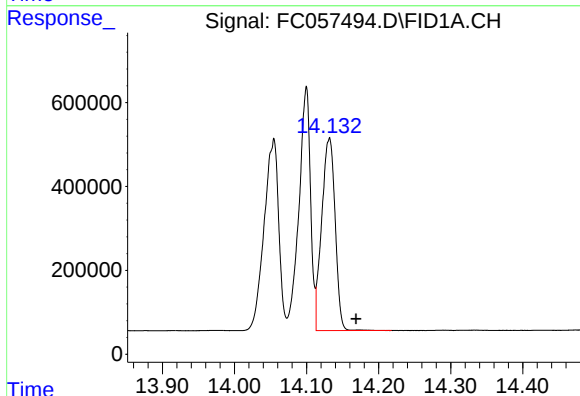
#13 n-Docosane (C22)

R.T.: 13.029 min
Delta R.T.: -0.038 min
Response: 6068028
Conc: 46.17 ug/ml

Instrument :
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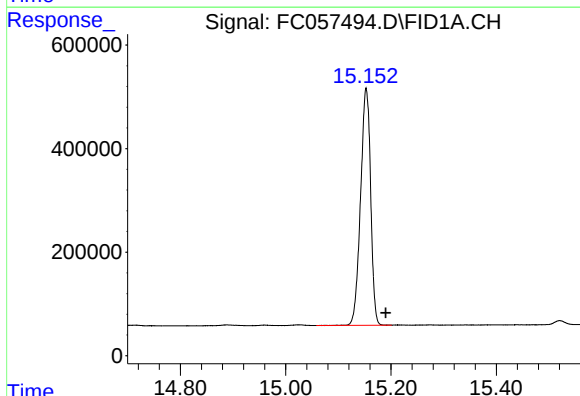
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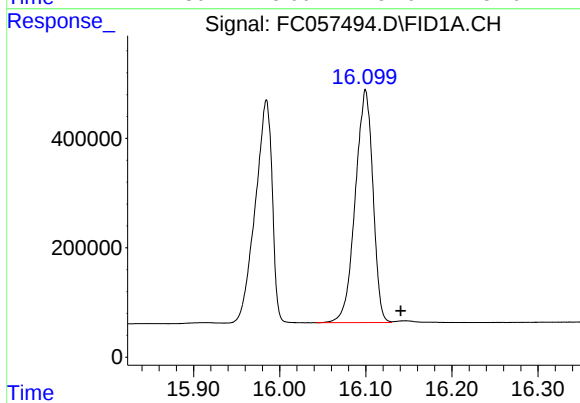
#14 n-Tetracosane (C24)

R.T.: 14.131 min
Delta R.T.: -0.037 min
Response: 5939934
Conc: 44.66 ug/ml



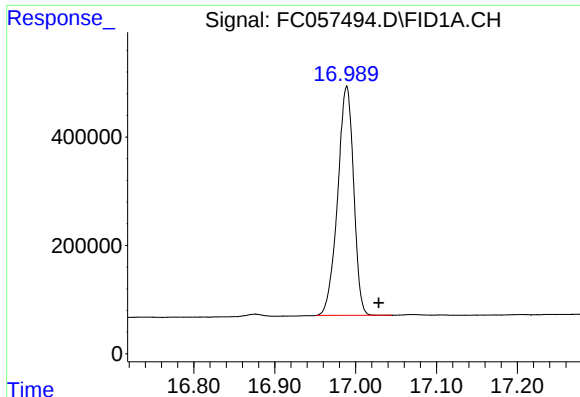
#15 n-Hexacosane (C26)

R.T.: 15.153 min
Delta R.T.: -0.037 min
Response: 6080864
Conc: 46.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.099 min
Delta R.T.: -0.042 min
Response: 6060509
Conc: 46.09 ug/ml m



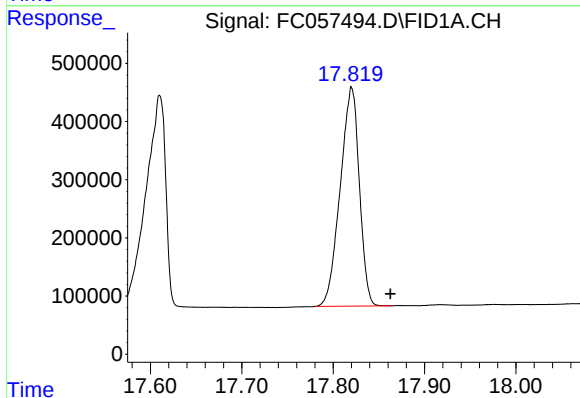
#17 n-Tricontane (C30)

R.T.: 16.989 min
Delta R.T.: -0.040 min
Response: 5809479
Conc: 42.51 ug/ml

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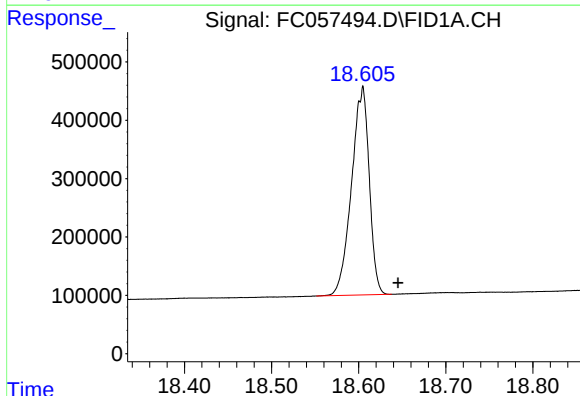
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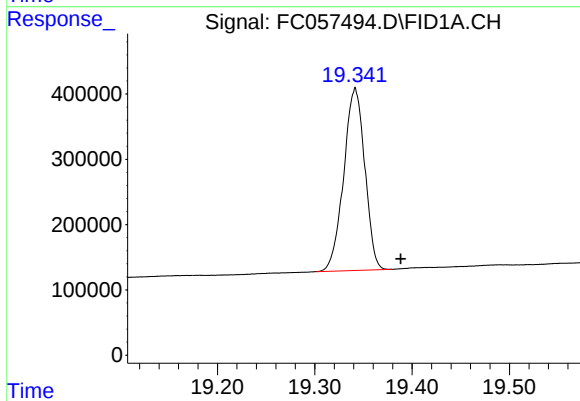
#18 n-Dotriacontane (C32)

R.T.: 17.820 min
Delta R.T.: -0.043 min
Response: 5469708
Conc: 40.79 ug/ml



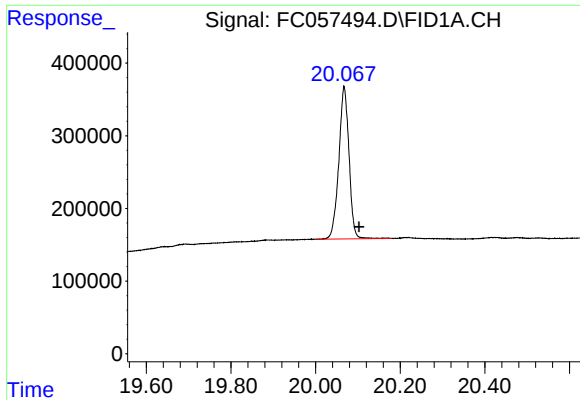
#19 n-Tetratriacontane (C34)

R.T.: 18.604 min
Delta R.T.: -0.041 min
Response: 5030480
Conc: 38.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.341 min
Delta R.T.: -0.047 min
Response: 4195909
Conc: 35.34 ug/ml



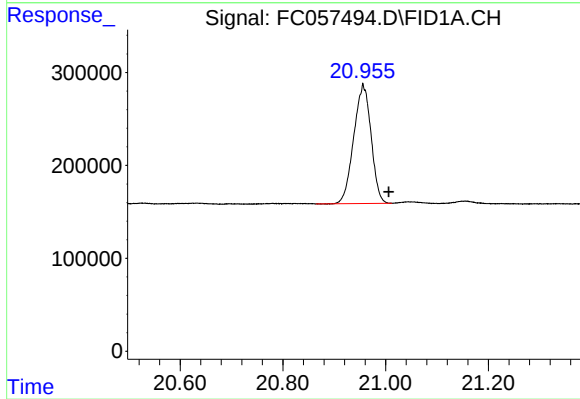
#21 n-Octatriacontane (C38)

R.T.: 20.068 min
Delta R.T.: -0.035 min
Response: 3511029
Conc: 31.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.957 min
Delta R.T.: -0.049 min
Response: 2992837
Conc: 29.98 ug/ml