

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102721AL\
 Data File : FC056455.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2021 6:42
 Operator : AJ\MA
 Sample : M4358-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TH-FSMSD

Manual Integrations
 APPROVED

mohammad
 10/28/2021 1:39:15 PM

Integration File: autoint1.e
 Quant Time: Oct 28 07:58:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.622	4462608	36.042 ug/ml
Spiked Amount 50.000		Recovery =	72.08%
12) S 1-chlorooctadecane (S...	13.052	3290995	34.202 ug/ml
Spiked Amount 50.000		Recovery =	68.40%
Target Compounds			
1) T n-Nonane (C9)	3.385	3929227	36.303 ug/mlm
2) T n-Decane (C10)	4.450	4580516	42.523 ug/ml
3) T A~Naphthalene (C11.7)	6.037	5113982	41.945 ug/ml
4) T n-Dodecane (C12)	6.465	5035123	45.675 ug/ml
5) T A~2-methylnaphthalene...	7.094	5122422	41.829 ug/ml
6) T n-Tetradecane (C14)	8.261	5550378	49.439 ug/ml
7) T n-Hexadecane (C16)	9.861	5935705	52.210 ug/ml
8) T n-Octadecane (C18)	11.302	6249148	53.477 ug/ml
10) T n-Eicosane (C20)	12.609	5992472	52.141 ug/ml
11) T n-Heneicosane (C21)	13.220	5874081	51.113 ug/ml
13) T n-Docosane (C22)	13.804	5739252	50.977 ug/ml
14) T n-Tetracosane (C24)	14.901	10157230	92.168 ug/ml
15) T n-Hexacosane (C26)	15.922	5211070	49.373 ug/ml
16) T n-Octacosane (C28)	16.867	4865502	46.907 ug/ml
17) T n-Tricontane (C30)	17.751	4745852	45.806 ug/ml
18) T n-Dotriacontane (C32)	18.579	4612659	48.145 ug/ml
19) T n-Tetratriacontane (C34)	19.358	4470715	50.972 ug/ml
20) T n-Hexatriacontane (C36)	20.093	4379859	53.510 ug/ml
21) T n-Octatriacontane (C38)	20.827	4117176	51.480 ug/ml
22) T n-Tetracontane (C40)	21.745	4230804	51.351 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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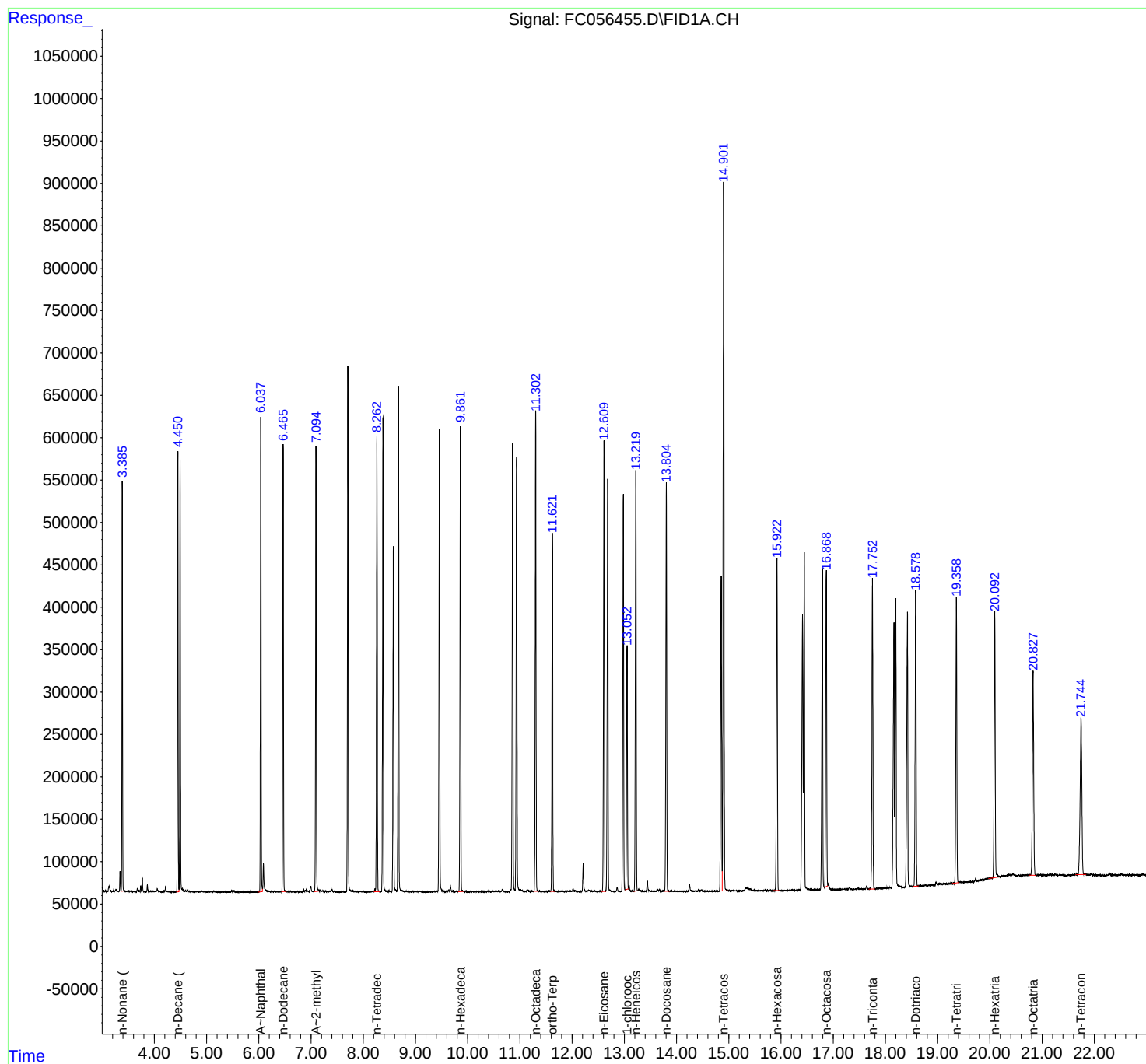
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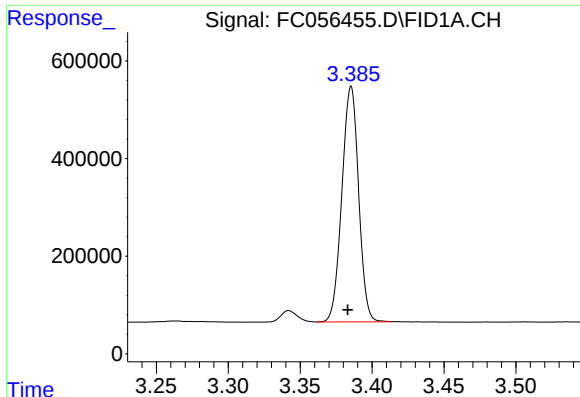
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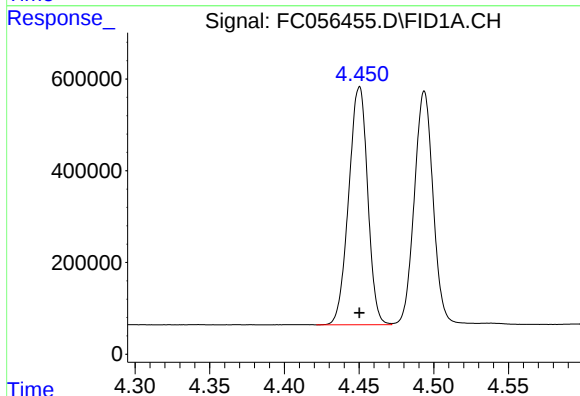
#1 n-Nonane (C9)

R.T.: 3.385 min
Delta R.T.: 0.002 min
Response: 3929227
Conc: 36.30 ug/ml m

Instrument :
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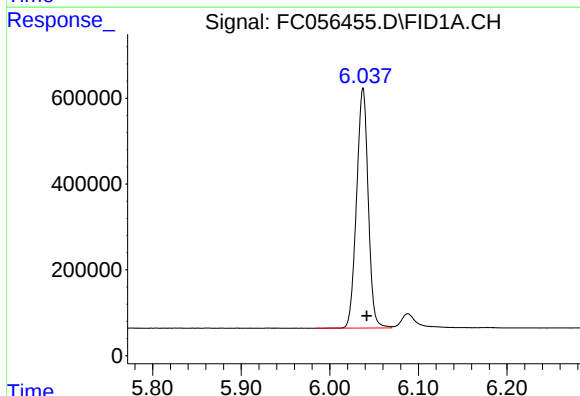
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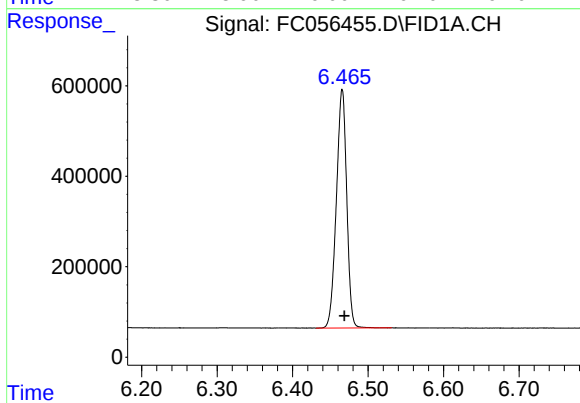
#2 n-Decane (C10)

R.T.: 4.450 min
Delta R.T.: 0.000 min
Response: 4580516
Conc: 42.52 ug/ml



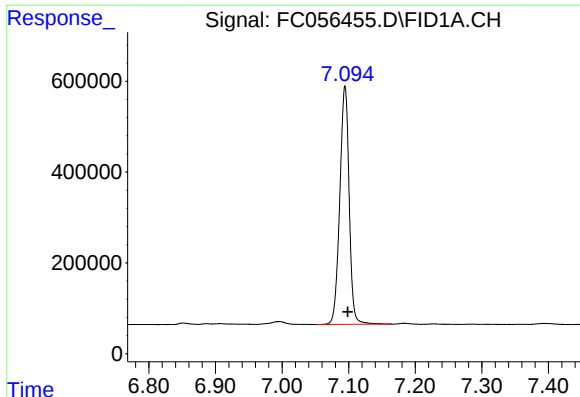
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.005 min
Response: 5113982
Conc: 41.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.003 min
Response: 5035123
Conc: 45.67 ug/ml



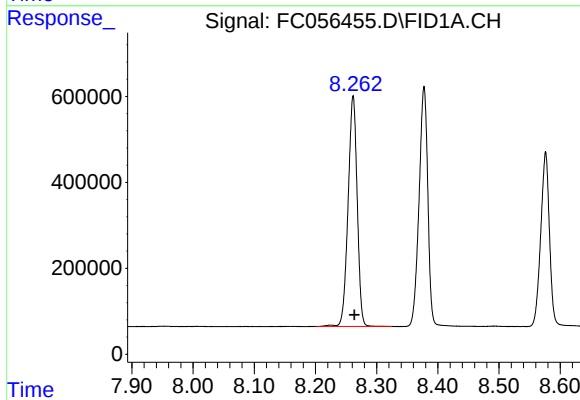
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 5122422
Conc: 41.83 ug/ml

Instrument :
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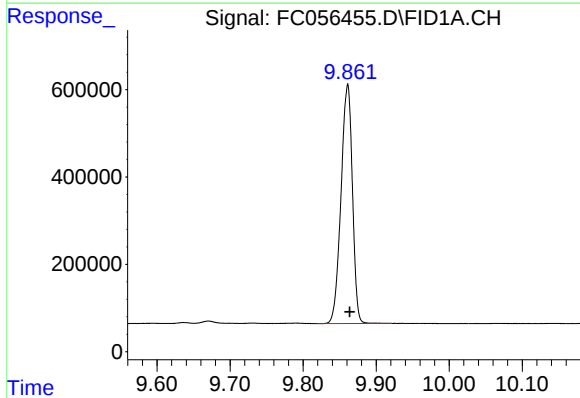
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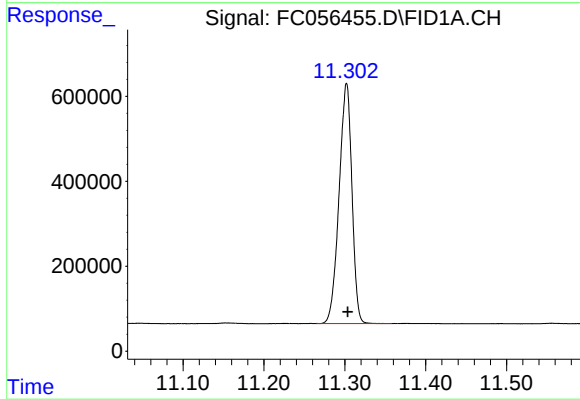
#6 n-Tetradecane (C14)

R.T.: 8.261 min
Delta R.T.: -0.002 min
Response: 5550378
Conc: 49.44 ug/ml



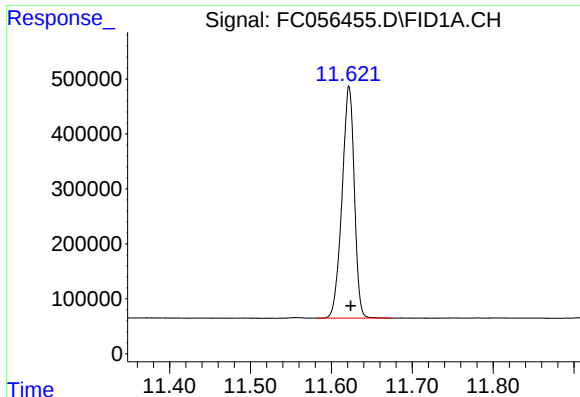
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: -0.003 min
Response: 5935705
Conc: 52.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.002 min
Response: 6249148
Conc: 53.48 ug/ml



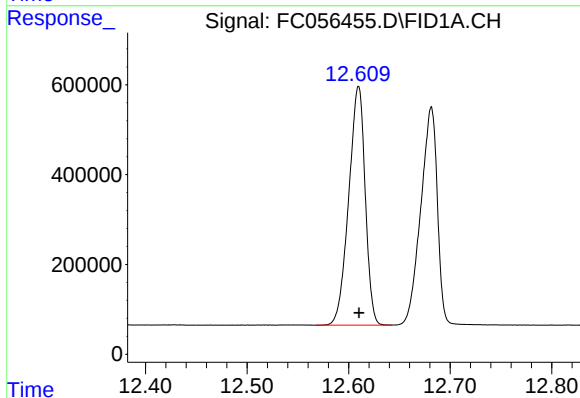
#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 4462608
Conc: 36.04 ug/ml

Instrument :
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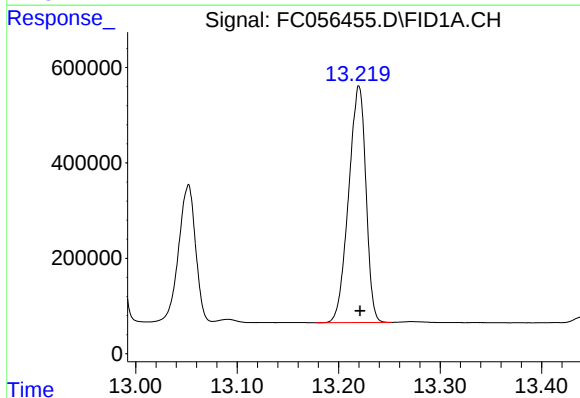
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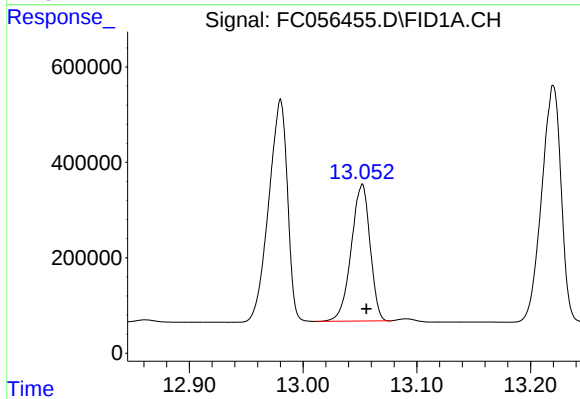
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 5992472
Conc: 52.14 ug/ml



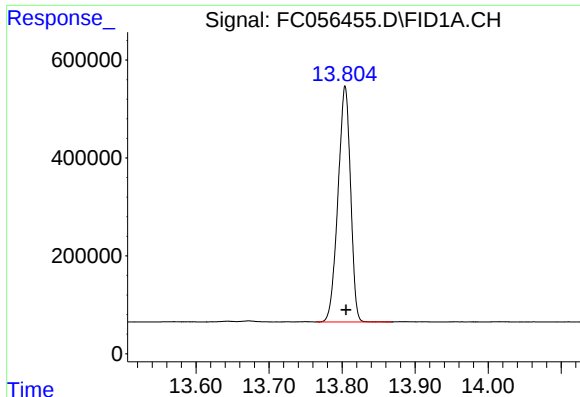
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.002 min
Response: 5874081
Conc: 51.11 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.004 min
Response: 3290995
Conc: 34.20 ug/ml



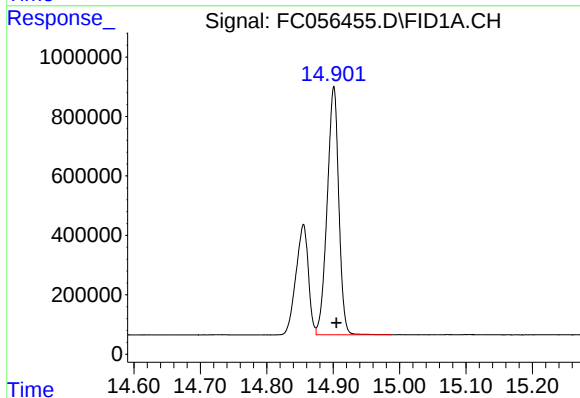
#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.002 min
Response: 5739252
Conc: 50.98 ug/ml

Instrument :
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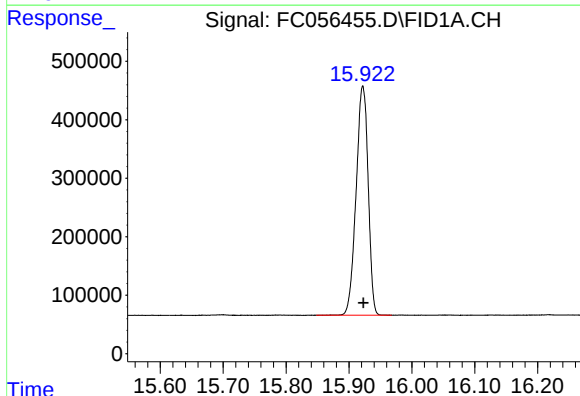
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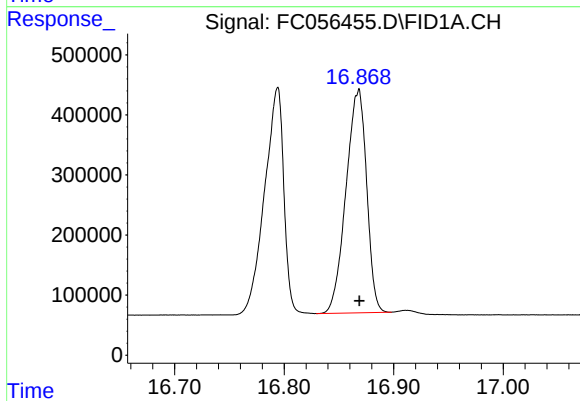
#14 n-Tetracosane (C24)

R.T.: 14.901 min
Delta R.T.: -0.004 min
Response: 10157230
Conc: 92.17 ug/ml



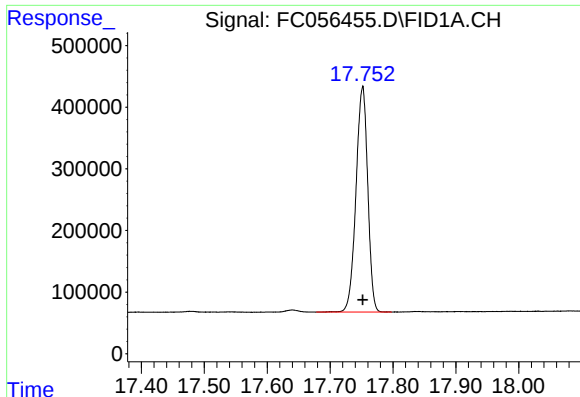
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: 0.000 min
Response: 5211070
Conc: 49.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.001 min
Response: 4865502
Conc: 46.91 ug/ml



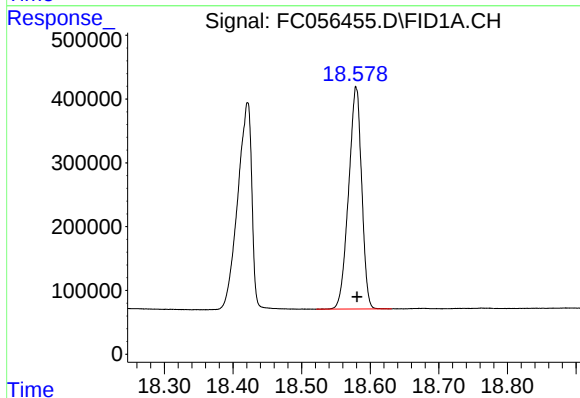
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: 0.000 min
Response: 4745852
Conc: 45.81 ug/ml

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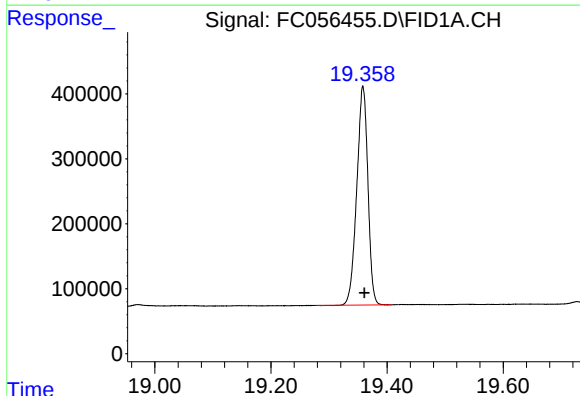
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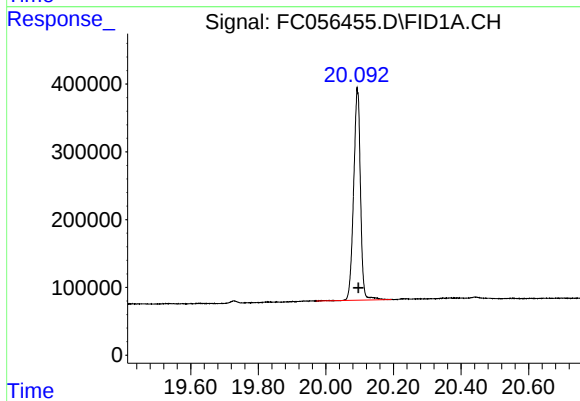
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.002 min
Response: 4612659
Conc: 48.14 ug/ml



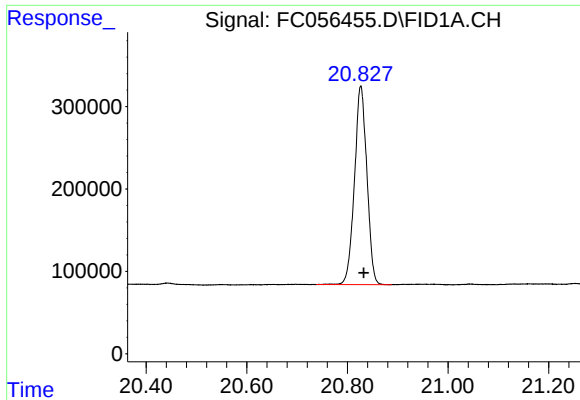
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.002 min
Response: 4470715
Conc: 50.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.004 min
Response: 4379859
Conc: 53.51 ug/ml



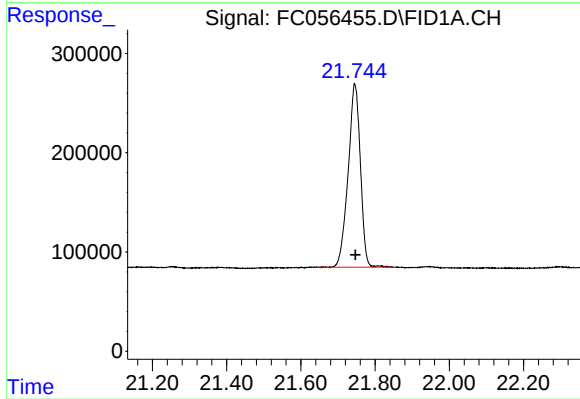
#21 n-Octatriacontane (C38)

R.T.: 20.827 min
Delta R.T.: -0.006 min
Response: 4117176
Conc: 51.48 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.745 min
Delta R.T.: -0.001 min
Response: 4230804
Conc: 51.35 ug/ml