

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110624AL\
 Data File : FC067638.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 15:38
 Operator : YP/AJ
 Sample : PB164709BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB164709BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 00:31:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:12:58 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.494	5819922	39.664 ug/ml
Spiked Amount 50.000		Recovery =	79.33%
12) S 1-chlorooctadecane (S...	12.931	4403654	40.779 ug/ml
Spiked Amount 50.000		Recovery =	81.56%
Target Compounds			
1) T n-Nonane (C9)	3.280	4743509	35.210 ug/ml
2) T n-Decane (C10)	4.340	4939743	36.256 ug/ml
3) T A~Naphthalene (C11.7)	5.914	5494223	37.076 ug/ml
4) T n-Dodecane (C12)	6.352	5076042	37.477 ug/ml
5) T A~2-methylnaphthalene...	6.968	5113740	36.211 ug/ml
6) T n-Tetradecane (C14)	8.145	5266493	40.122 ug/ml
7) T n-Hexadecane (C16)	9.742	5436671	41.155 ug/ml
8) T n-Octadecane (C18)	11.183	5537894	41.918 ug/ml
10) T n-Eicosane (C20)	12.489	5591620	44.316 ug/ml
11) T n-Heneicosane (C21)	13.100	5363032	43.455 ug/ml
13) T n-Docosane (C22)	13.685	5307584	43.345 ug/ml
14) T n-Tetracosane (C24)	14.755	10637823	87.764 ug/mlm
15) T n-Hexacosane (C26)	15.806	5121635	43.019 ug/ml
16) T n-Octacosane (C28)	16.753	5104550	43.389 ug/ml
17) T n-Tricontane (C30)	17.640	5084852	42.068 ug/ml
18) T n-Dotriacontane (C32)	18.470	5036067	42.563 ug/ml
19) T n-Tetratriacontane (C34)	19.253	5052491	48.244 ug/ml
20) T n-Hexatriacontane (C36)	19.991	4916340	54.010 ug/ml
21) T n-Octatriacontane (C38)	20.713	4930724	56.935 ug/ml
22) T n-Tetracontane (C40)	21.597	4884110	57.453 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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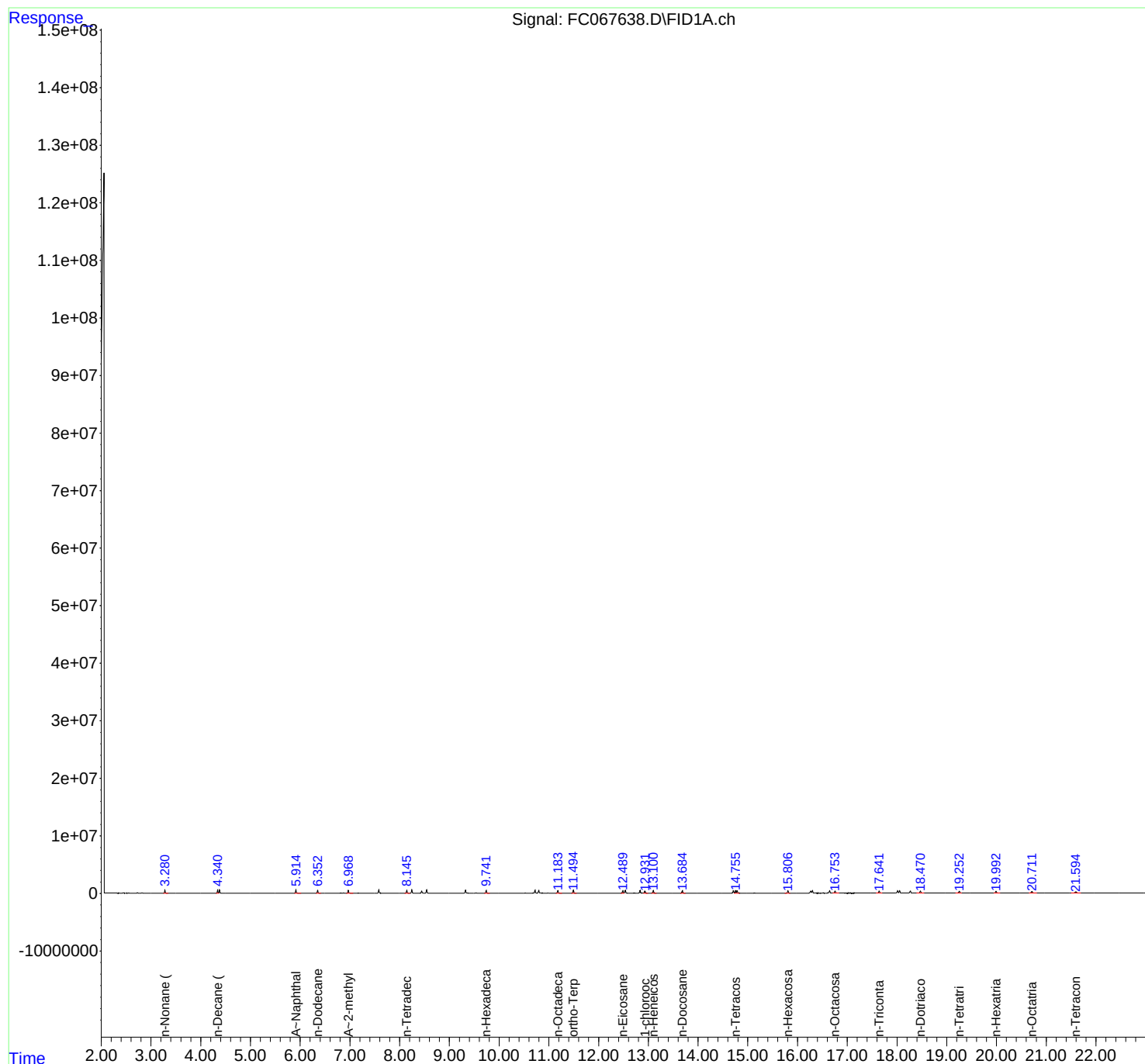
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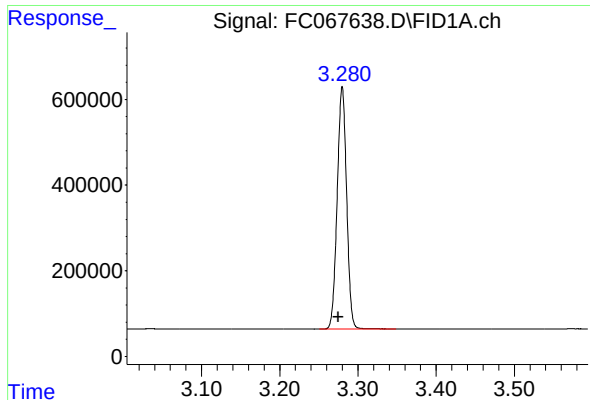
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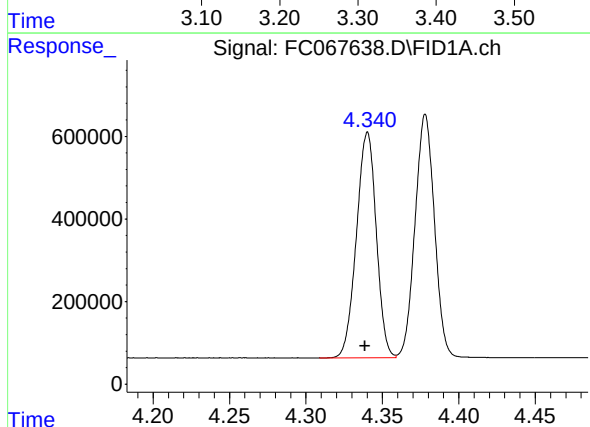
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: 0.005 min
Response: 4743509
Conc: 35.21 ug/ml

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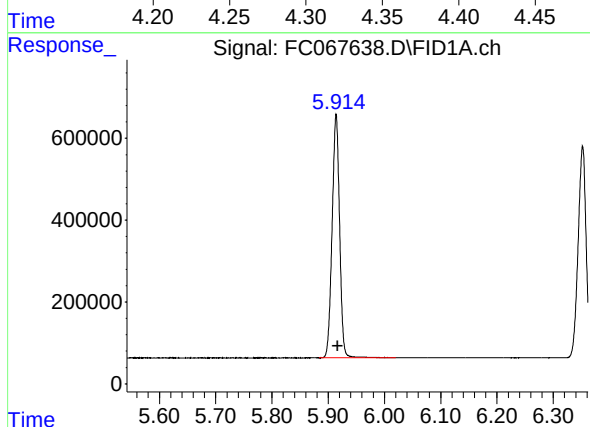
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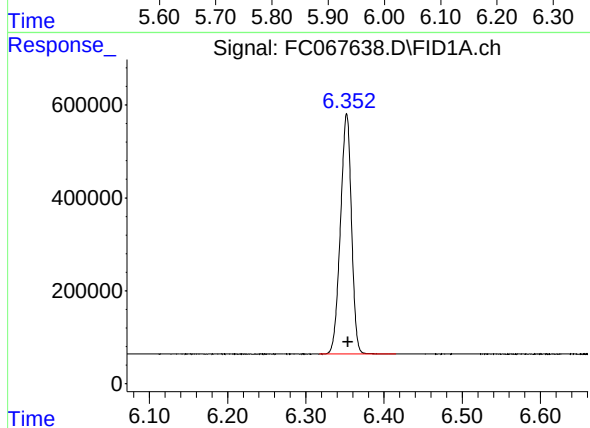
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 4939743
Conc: 36.26 ug/ml



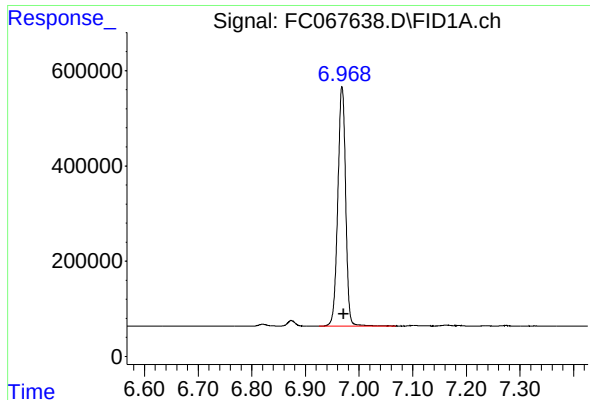
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 5494223
Conc: 37.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 5076042
Conc: 37.48 ug/ml



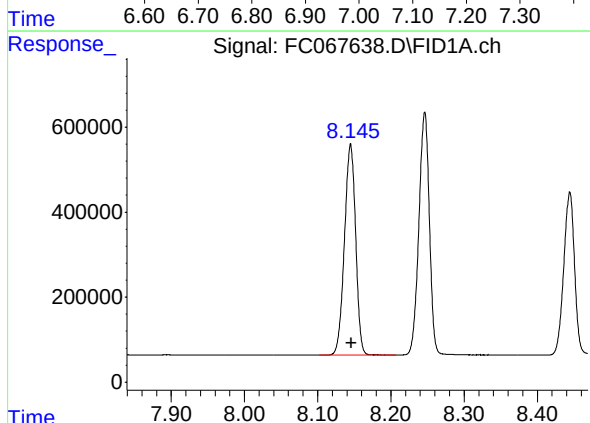
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: -0.003 min
Response: 5113740
Conc: 36.21 ug/ml

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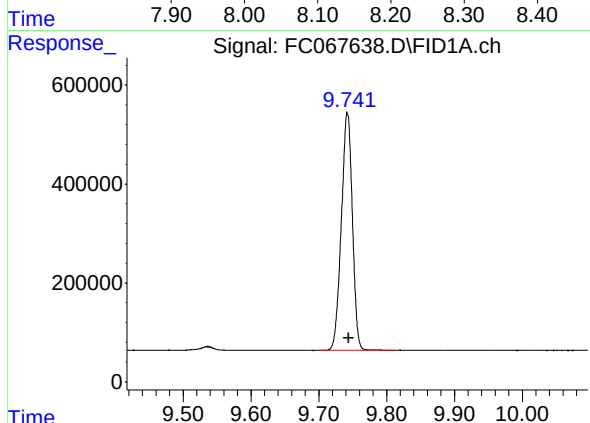
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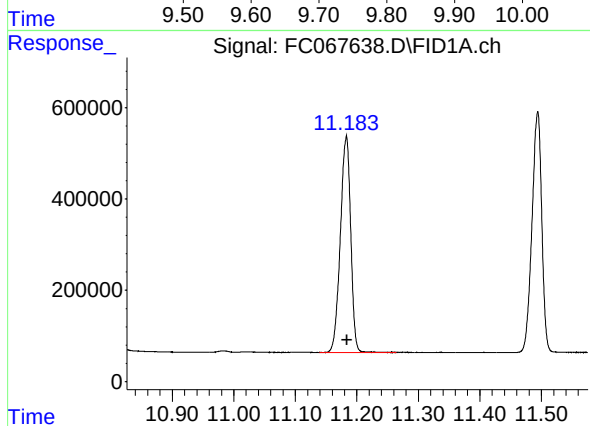
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: -0.001 min
Response: 5266493
Conc: 40.12 ug/ml



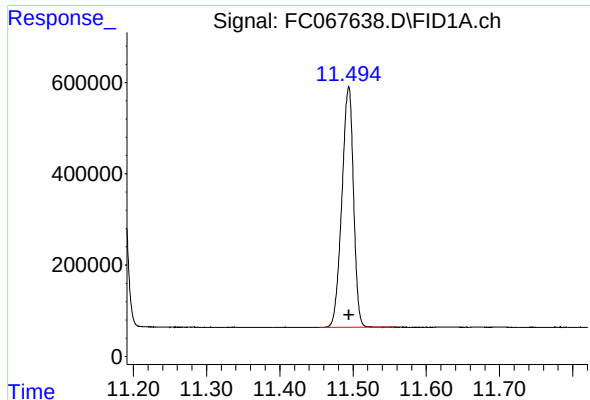
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 5436671
Conc: 41.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: -0.001 min
Response: 5537894
Conc: 41.92 ug/ml



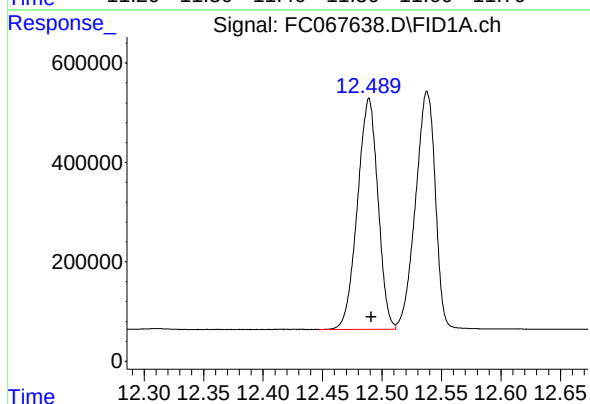
#9 ortho-Terphenyl (SURR)

R.T.: 11.494 min
Delta R.T.: 0.000 min
Response: 5819922
Conc: 39.66 ug/ml

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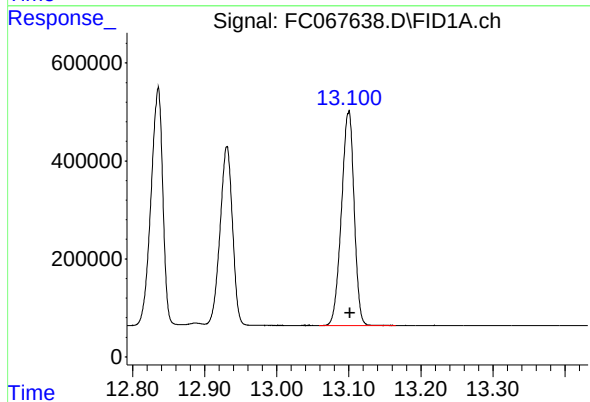
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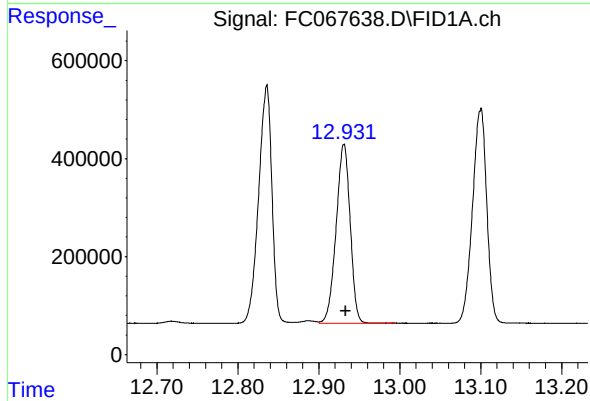
#10 n-Eicosane (C20)

R.T.: 12.489 min
Delta R.T.: -0.002 min
Response: 5591620
Conc: 44.32 ug/ml



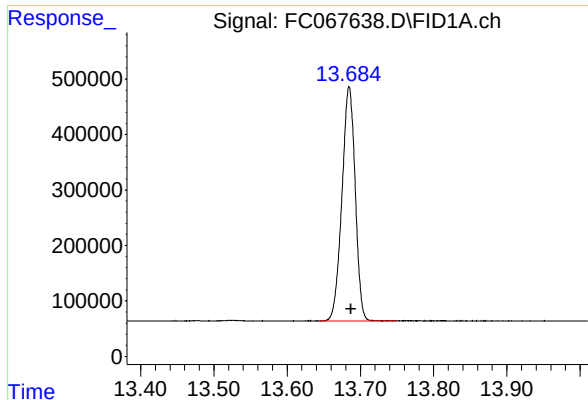
#11 n-Heneicosane (C21)

R.T.: 13.100 min
Delta R.T.: -0.002 min
Response: 5363032
Conc: 43.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 4403654
Conc: 40.78 ug/ml



#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: -0.003 min
Response: 5307584
Conc: 43.35 ug/ml

Instrument :

FID_C

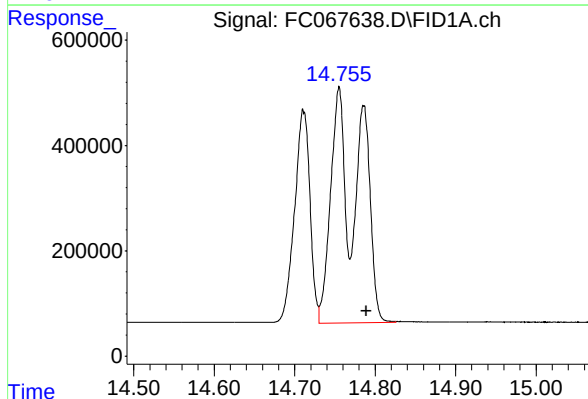
ClientSampleId :

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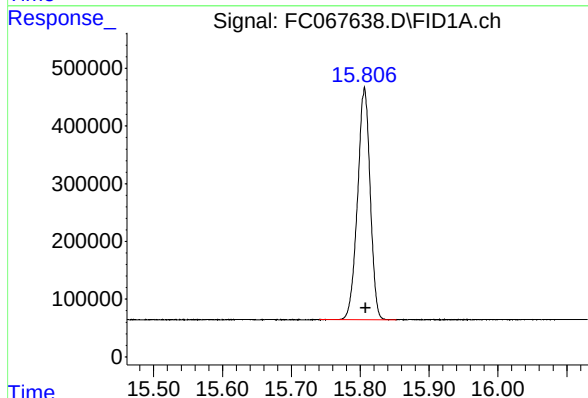
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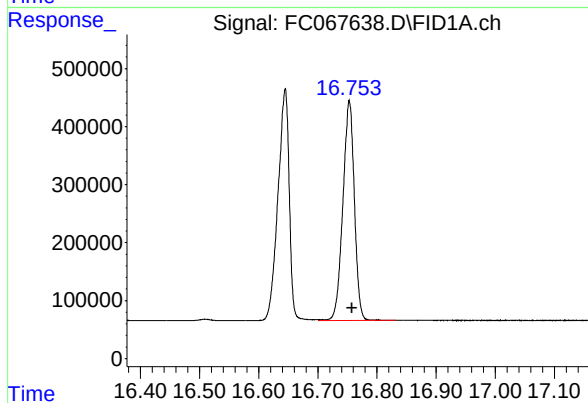
#14 n-Tetracosane (C24)

R.T.: 14.755 min
Delta R.T.: -0.034 min
Response: 10637823
Conc: 87.76 ug/ml m



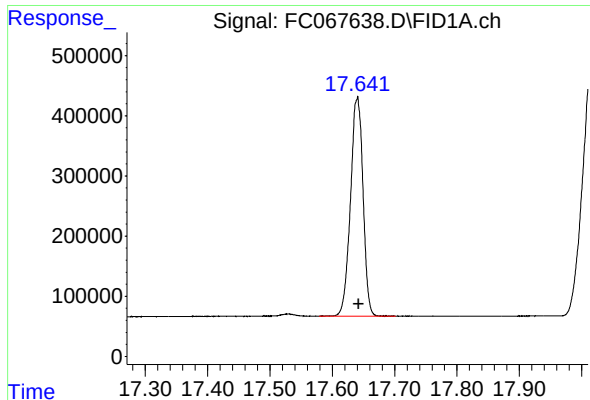
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.002 min
Response: 5121635
Conc: 43.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.753 min
Delta R.T.: -0.005 min
Response: 5104550
Conc: 43.39 ug/ml



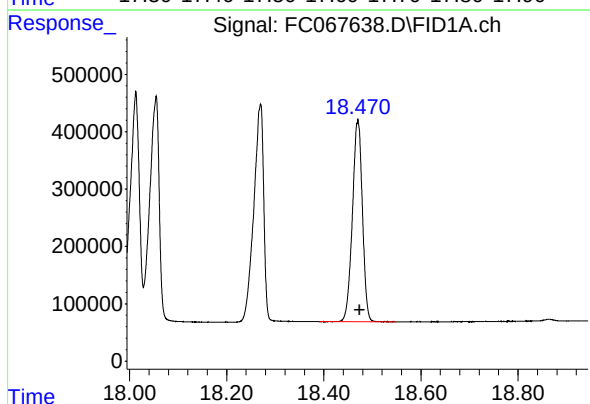
#17 n-Tricontane (C30)

R.T.: 17.640 min
Delta R.T.: -0.003 min
Response: 5084852
Conc: 42.07 ug/ml

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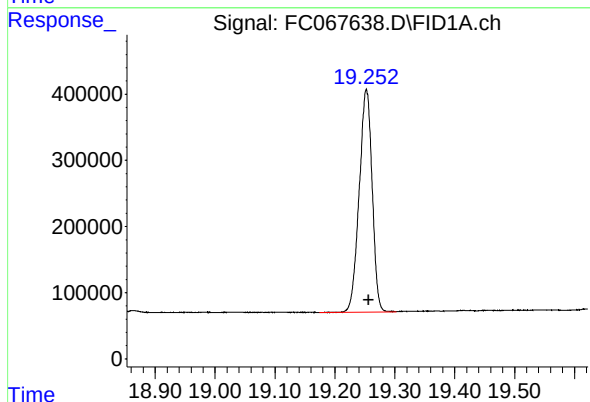
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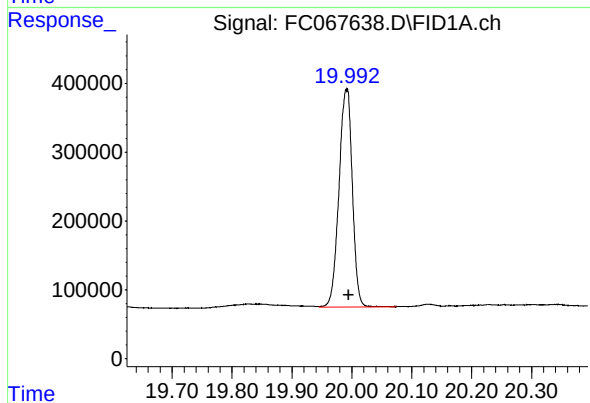
#18 n-Dotriacontane (C32)

R.T.: 18.470 min
Delta R.T.: -0.004 min
Response: 5036067
Conc: 42.56 ug/ml



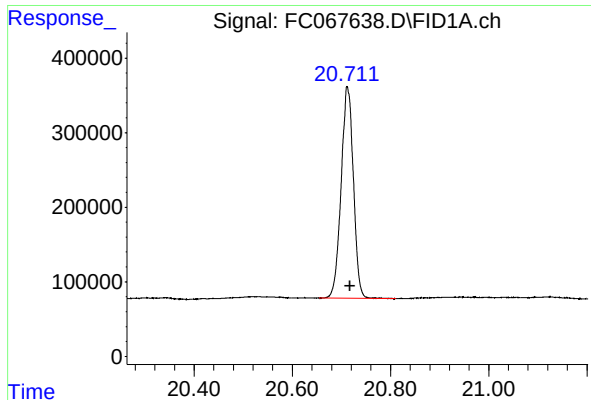
#19 n-Tetratriacontane (C34)

R.T.: 19.253 min
Delta R.T.: -0.004 min
Response: 5052491
Conc: 48.24 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.991 min
Delta R.T.: -0.003 min
Response: 4916340
Conc: 54.01 ug/ml



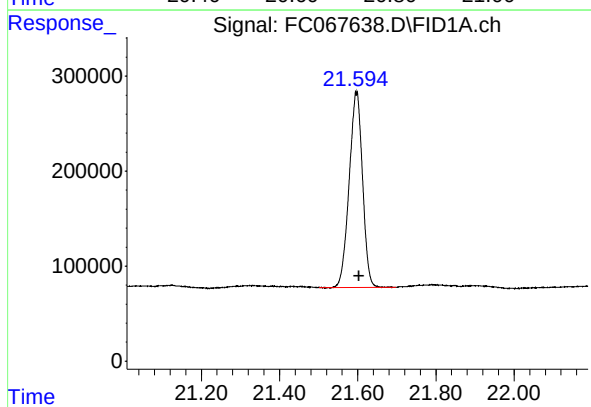
#21 n-Octatriacontane (C38)

R.T.: 20.713 min
Delta R.T.: -0.005 min
Response: 4930724
Conc: 56.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.597 min
Delta R.T.: -0.007 min
Response: 4884110
Conc: 57.45 ug/ml