

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110624AL\
 Data File : FC067641.D
 Signal(s) : FID1A.ch
 Acq On : 06 Nov 2024 17:31
 Operator : YP/AJ
 Sample : P4719-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BAYAVE-STOCKPILEMS

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 00:32:12 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)	11.495	5871822	40.017 ug/ml
Spiked Amount 50.000		Recovery =	80.03%
12) S 1-chlorooctadecane (S...	12.931	4469136	41.385 ug/ml
Spiked Amount 50.000		Recovery =	82.77%
Target Compounds			
1) T n-Nonane (C9)	3.274	4379752	32.510 ug/ml
2) T n-Decane (C10)	4.338	4924576	36.145 ug/ml
3) T A~Naphthalene (C11.7)	5.914	5696300	38.440 ug/ml
4) T n-Dodecane (C12)	6.352	5359707	39.572 ug/ml
5) T A~2-methylnaphthalene...	6.969	5461229	38.671 ug/ml
6) T n-Tetradecane (C14)	8.146	5780921	44.042 ug/ml
7) T n-Hexadecane (C16)	9.742	6264644	47.422 ug/ml
8) T n-Octadecane (C18)	11.183	6482067	49.064 ug/ml
10) T n-Eicosane (C20)	12.491	6575040	52.109 ug/ml
11) T n-Heneicosane (C21)	13.102	6297374	51.026 ug/ml
13) T n-Docosane (C22)	13.687	6264669	51.162 ug/ml
14) T n-Tetracosane (C24)	14.758	12498899	103.118 ug/mlm
15) T n-Hexacosane (C26)	15.809	6056418	50.870 ug/ml
16) T n-Octacosane (C28)	16.755	6013688	51.116 ug/ml
17) T n-Tricontane (C30)	17.644	6176013	51.096 ug/ml
18) T n-Dotriacontane (C32)	18.473	6042000	51.065 ug/ml
19) T n-Tetratriacontane (C34)	19.255	6050133	57.770 ug/ml
20) T n-Hexatriacontane (C36)	19.994	6189487	67.996 ug/ml
21) T n-Octatriacontane (C38)	20.717	6150808	71.024 ug/ml
22) T n-Tetracontane (C40)	21.602	5782875	68.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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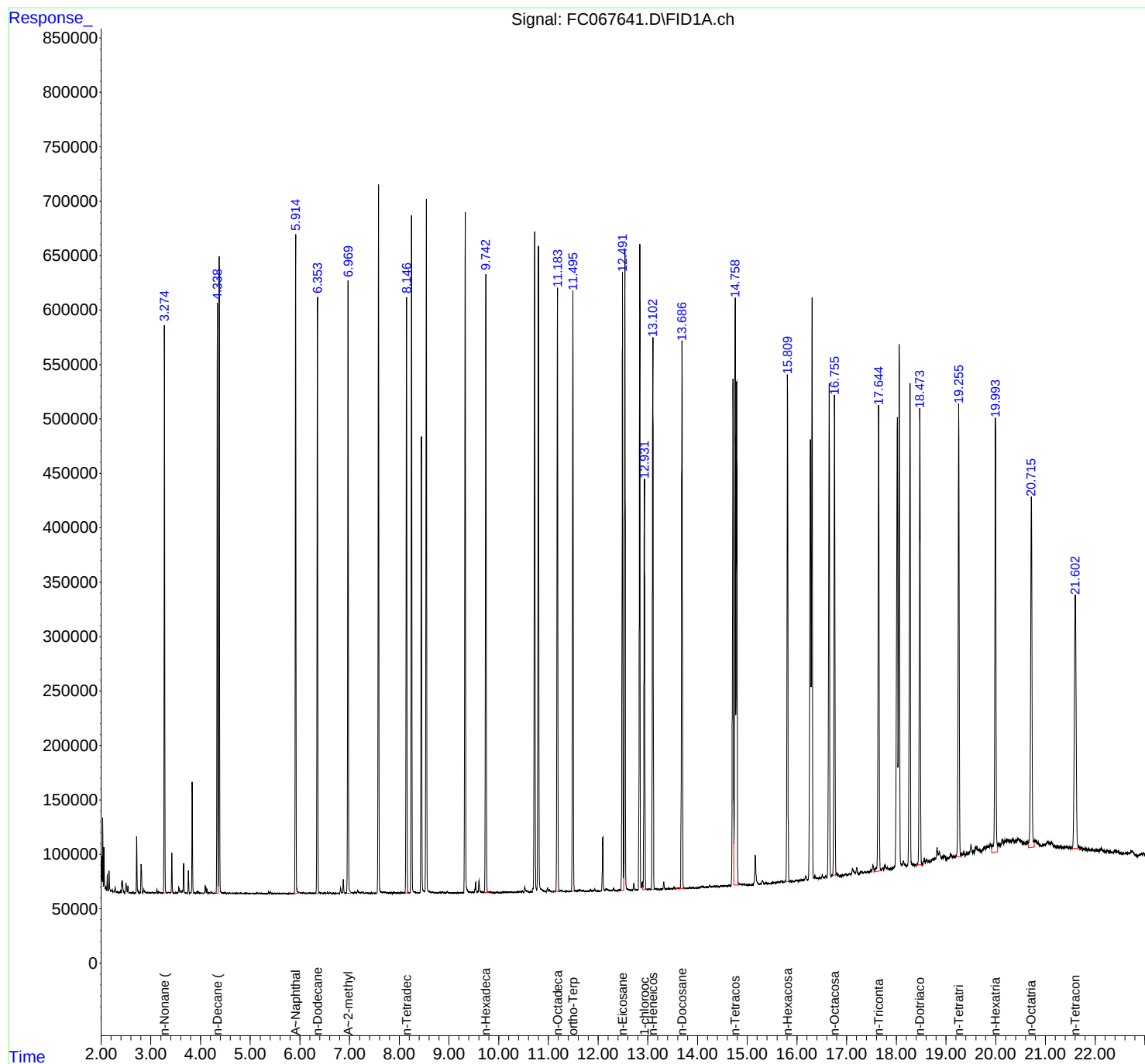
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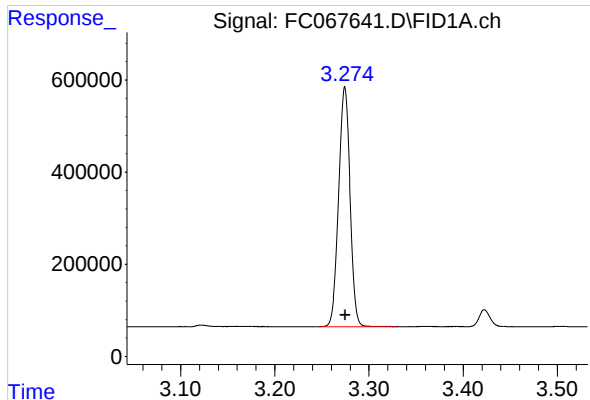
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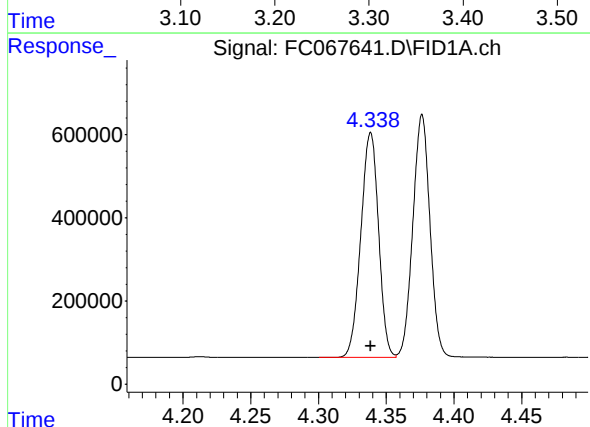
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 4379752
Conc: 32.51 ug/ml

Instrument :
FID_C
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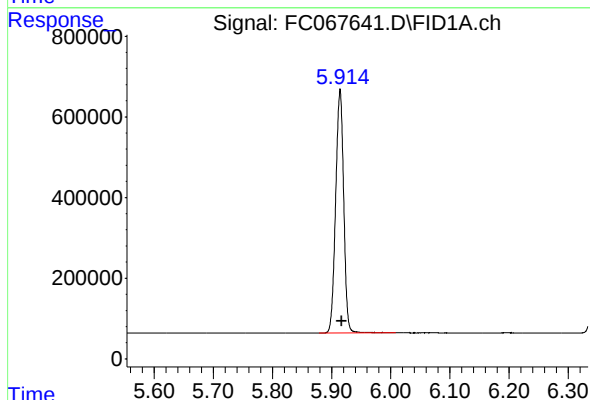
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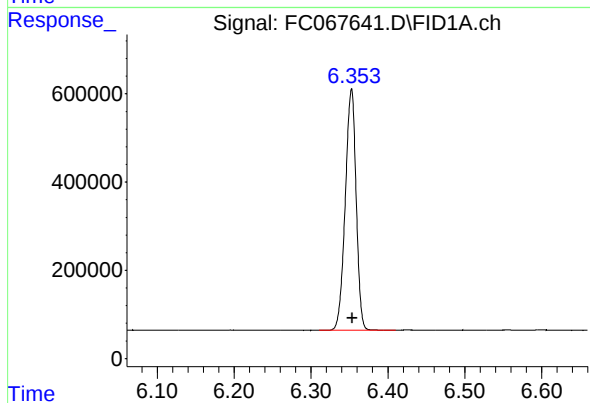
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 4924576
Conc: 36.14 ug/ml



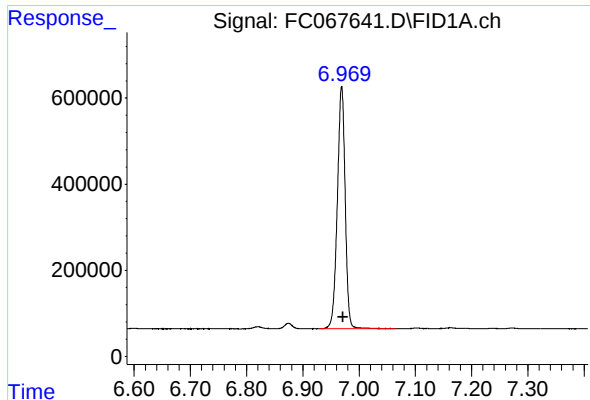
#3 A~Naphthalene (C11.7)

R.T.: 5.914 min
Delta R.T.: -0.003 min
Response: 5696300
Conc: 38.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.001 min
Response: 5359707
Conc: 39.57 ug/ml



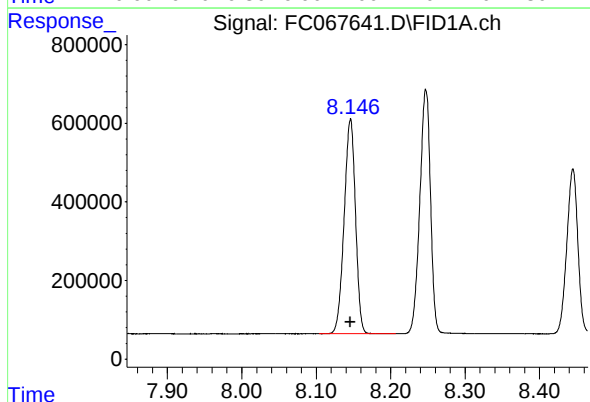
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.969 min
Delta R.T.: -0.002 min
Response: 5461229
Conc: 38.67 ug/ml

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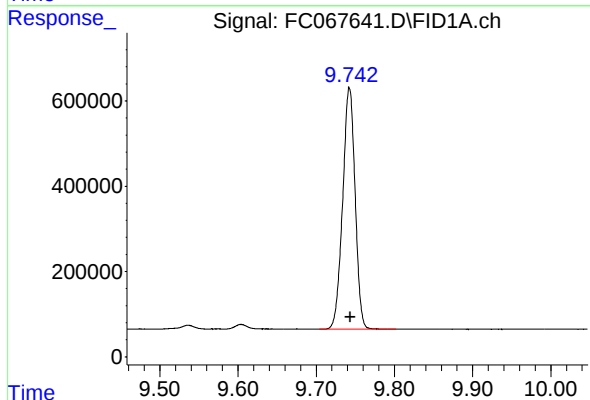
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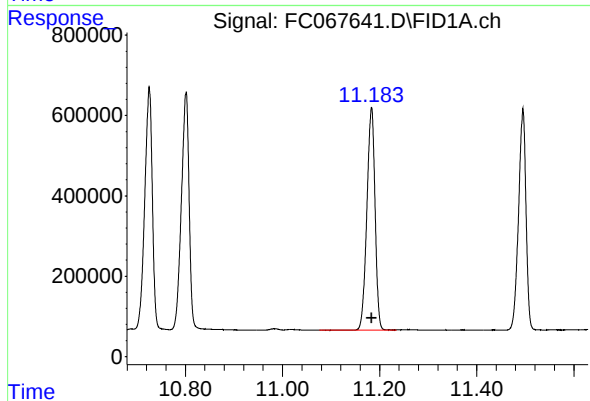
#6 n-Tetradecane (C14)

R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 5780921
Conc: 44.04 ug/ml



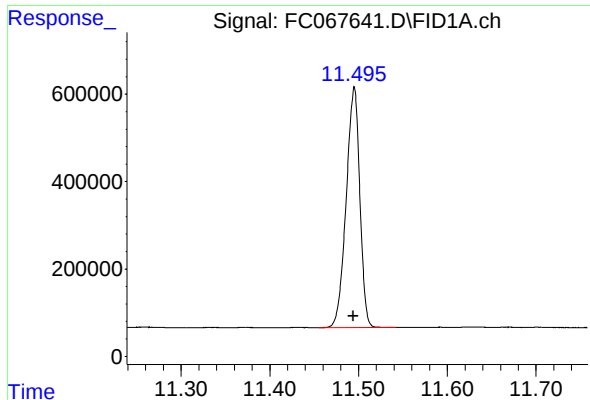
#7 n-Hexadecane (C16)

R.T.: 9.742 min
Delta R.T.: -0.001 min
Response: 6264644
Conc: 47.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 6482067
Conc: 49.06 ug/ml



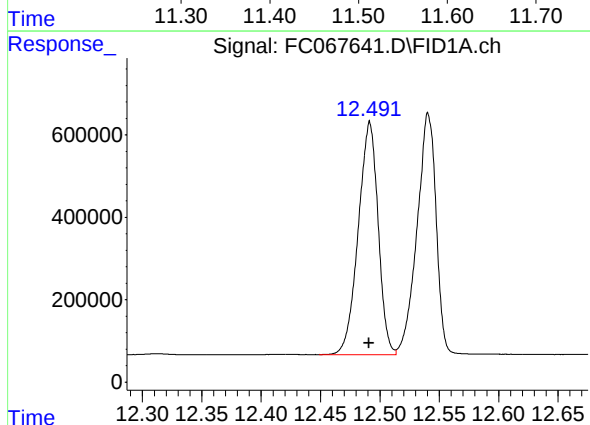
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 5871822
Conc: 40.02 ug/ml

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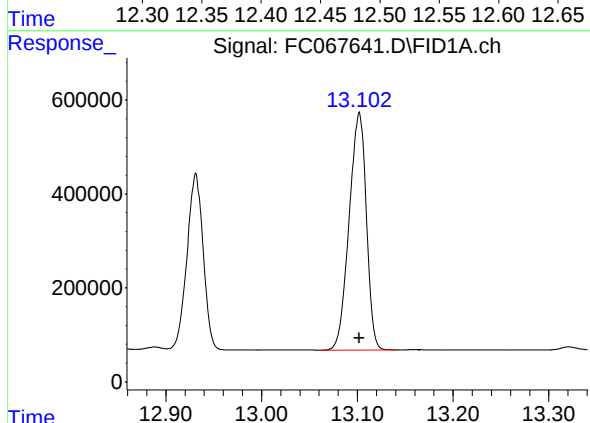
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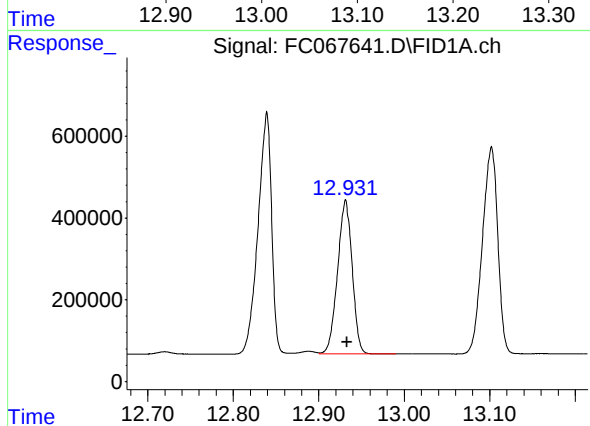
#10 n-Eicosane (C20)

R.T.: 12.491 min
Delta R.T.: 0.000 min
Response: 6575040
Conc: 52.11 ug/ml



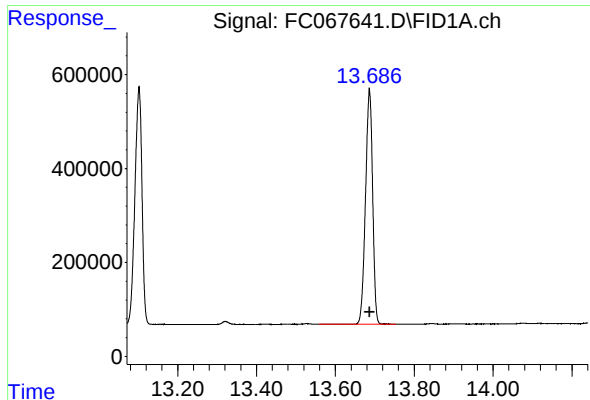
#11 n-Heneicosane (C21)

R.T.: 13.102 min
Delta R.T.: 0.000 min
Response: 6297374
Conc: 51.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.931 min
Delta R.T.: -0.002 min
Response: 4469136
Conc: 41.39 ug/ml



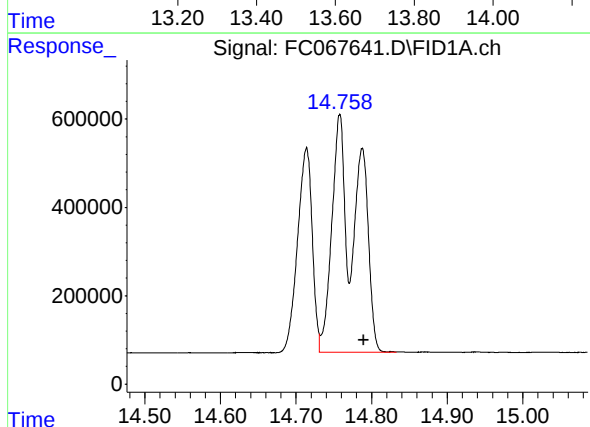
#13 n-Docosane (C22)

R.T.: 13.687 min
Delta R.T.: 0.000 min
Response: 6264669
Conc: 51.16 ug/ml

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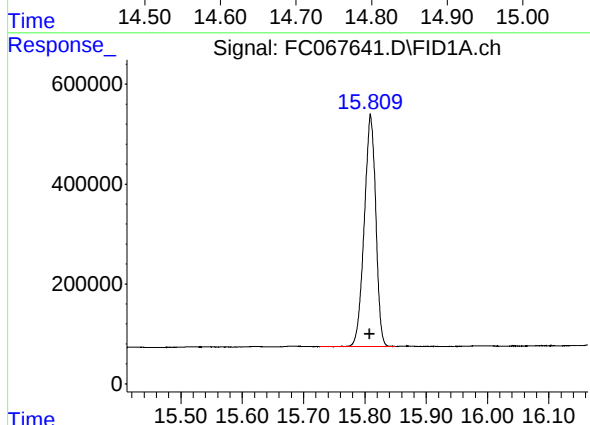
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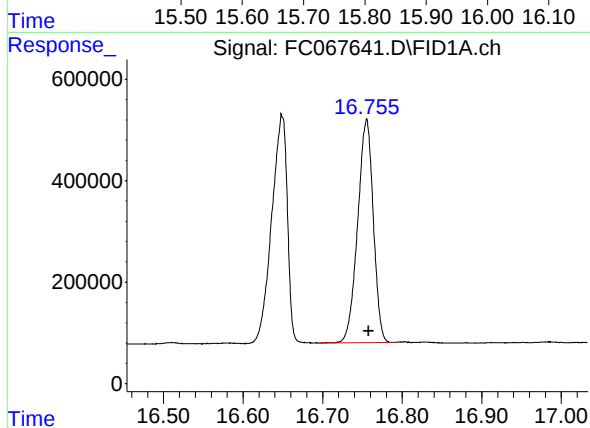
#14 n-Tetracosane (C24)

R.T.: 14.758 min
Delta R.T.: -0.031 min
Response: 12498899
Conc: 103.12 ug/ml m



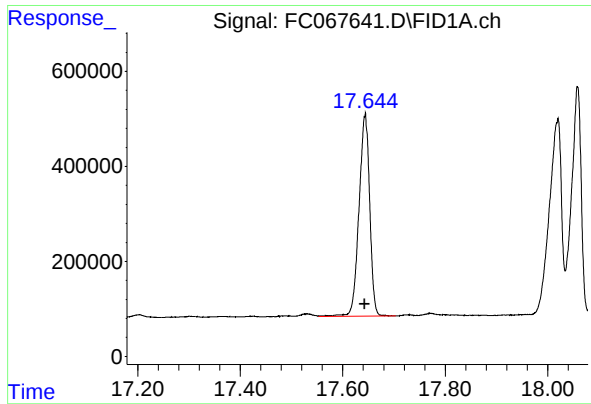
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: 0.002 min
Response: 6056418
Conc: 50.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: -0.003 min
Response: 6013688
Conc: 51.12 ug/ml



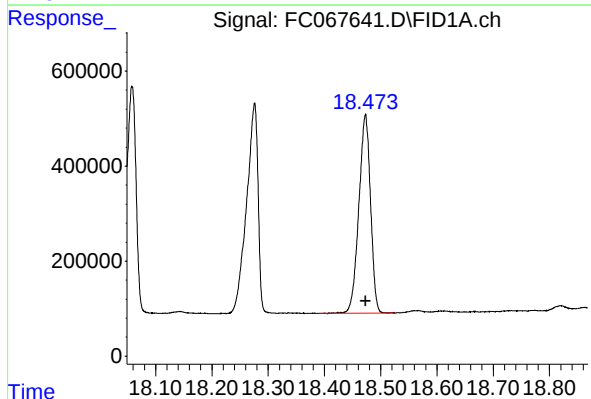
#17 n-Tricontane (C30)

R.T.: 17.644 min
Delta R.T.: 0.001 min
Response: 6176013
Conc: 51.10 ug/ml

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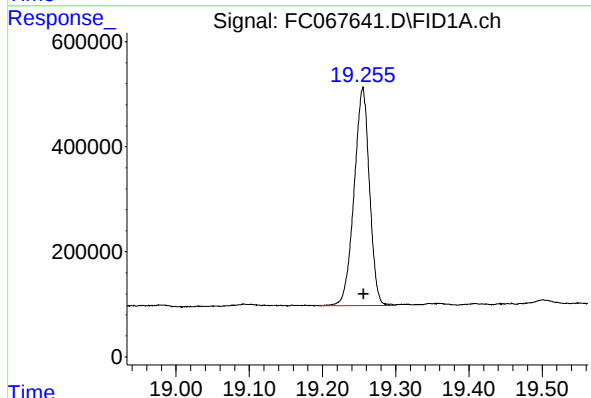
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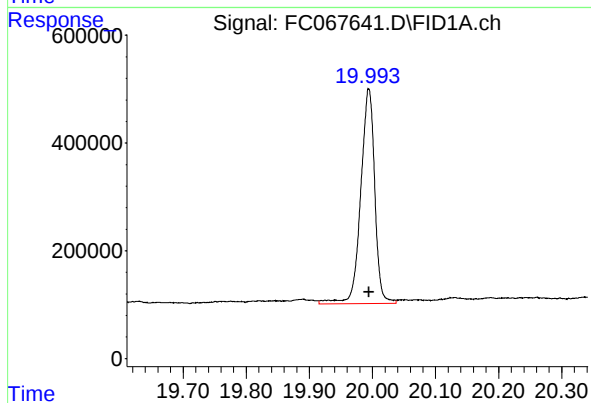
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.000 min
Response: 6042000
Conc: 51.06 ug/ml



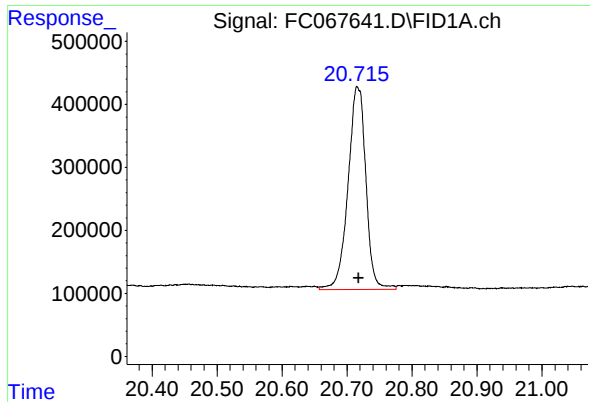
#19 n-Tetratriacontane (C34)

R.T.: 19.255 min
Delta R.T.: -0.001 min
Response: 6050133
Conc: 57.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.000 min
Response: 6189487
Conc: 68.00 ug/ml



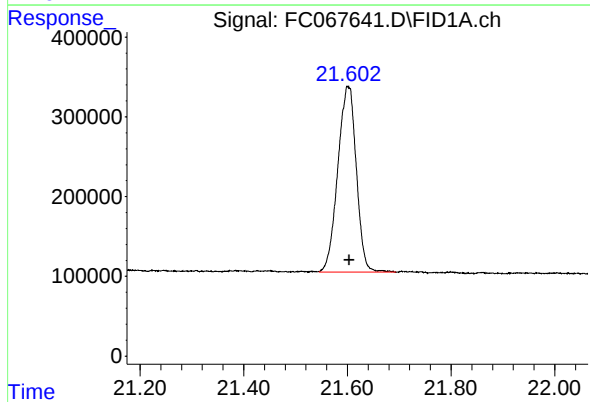
#21 n-Octatriacontane (C38)

R.T.: 20.717 min
Delta R.T.: -0.001 min
Response: 6150808
Conc: 71.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.002 min
Response: 5782875
Conc: 68.03 ug/ml