

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110724AL\
 Data File : FC067663.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2024 19:43
 Operator : YP/AJ
 Sample : P4720-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 JC-701-COMP-01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2024
 Supervised By :Ankita Jodhani 11/08/2024

Integration File: autoint1.e
 Quant Time: Nov 08 01:07:22 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	5776165	39.366 ug/ml
Spiked Amount 50.000		Recovery =	78.73%
12) S 1-chlorooctadecane (S...	12.932	4315956	39.967 ug/ml
Spiked Amount 50.000		Recovery =	79.93%
Target Compounds			
1) T n-Nonane (C9)	3.274	4120104	30.583 ug/ml
2) T n-Decane (C10)	4.338	4671728	34.289 ug/ml
3) T A~Naphthalene (C11.7)	5.915	5382319	36.321 ug/ml
4) T n-Dodecane (C12)	6.352	5033158	37.161 ug/ml
5) T A~2-methylnaphthalene...	6.970	5133162	36.348 ug/ml
6) T n-Tetradecane (C14)	8.145	5374616	40.946 ug/ml
7) T n-Hexadecane (C16)	9.743	5687589	43.054 ug/ml
8) T n-Octadecane (C18)	11.183	5819829	44.052 ug/ml
10) T n-Eicosane (C20)	12.490	5859837	46.441 ug/ml
11) T n-Heneicosane (C21)	13.101	5655732	45.827 ug/ml
13) T n-Docosane (C22)	13.686	5577534	45.550 ug/ml
14) T n-Tetracosane (C24)	14.758	11253191	92.841 ug/mlm
15) T n-Hexacosane (C26)	15.808	5425615	45.572 ug/ml
16) T n-Octacosane (C28)	16.755	5488494	46.652 ug/ml
17) T n-Tricontane (C30)	17.643	5505898	45.552 ug/ml
18) T n-Dotriacontane (C32)	18.473	5670910	47.928 ug/ml
19) T n-Tetratriacontane (C34)	19.255	5520856	52.716 ug/ml
20) T n-Hexatriacontane (C36)	19.994	5271964	57.917 ug/ml
21) T n-Octatriacontane (C38)	20.715	5217333	60.245 ug/ml
22) T n-Tetracontane (C40)	21.601	5258204	61.853 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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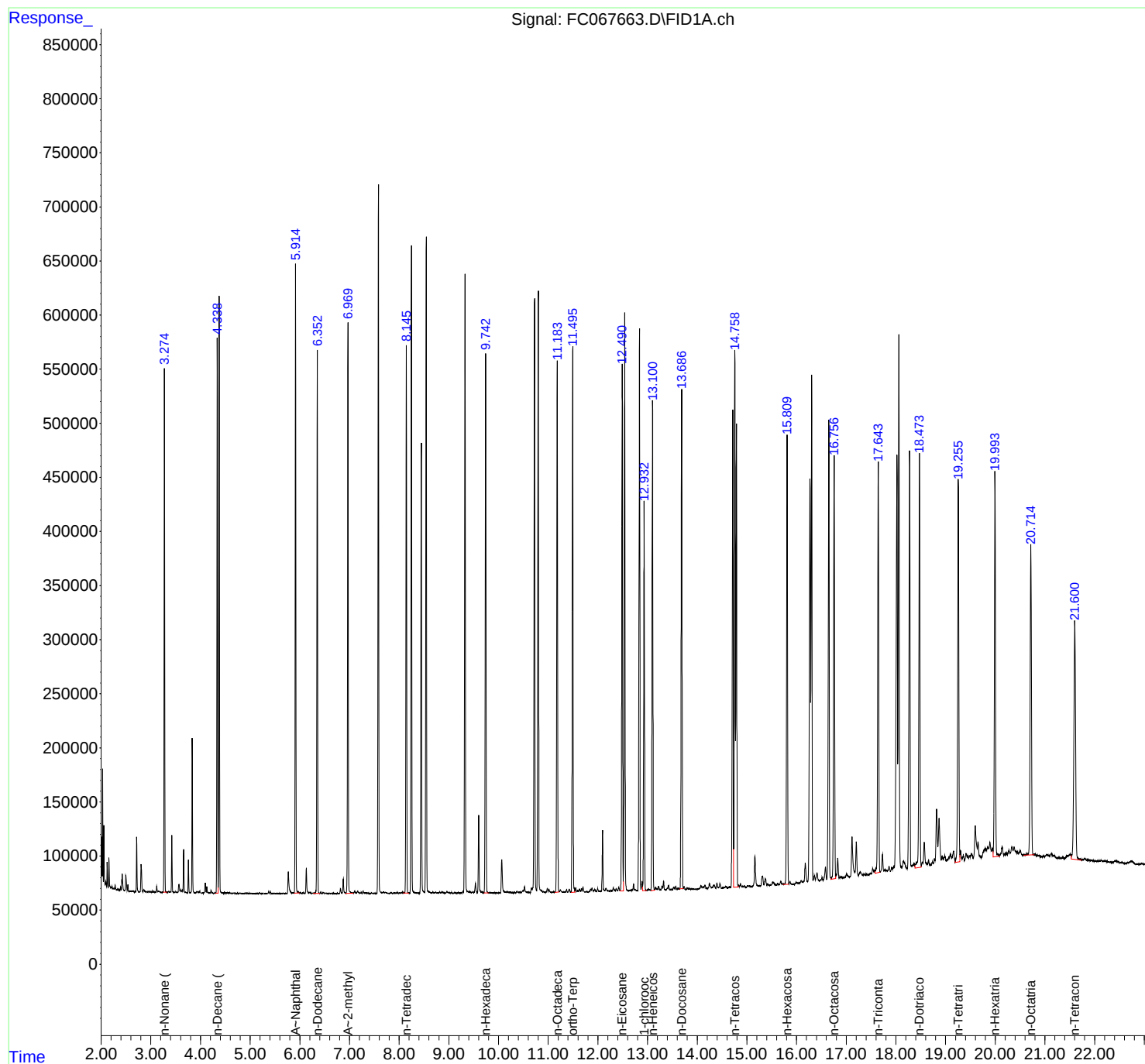
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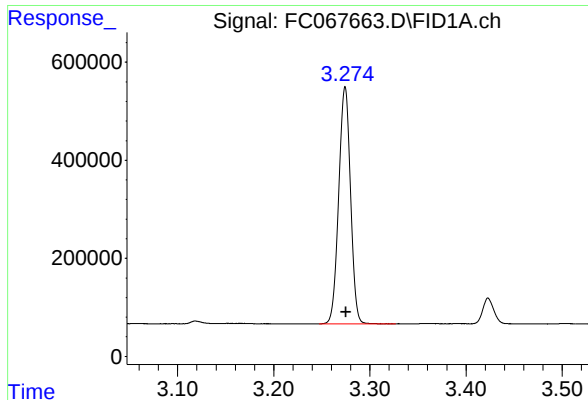
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#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 4120104
Conc: 30.58 ug/ml

Instrument :

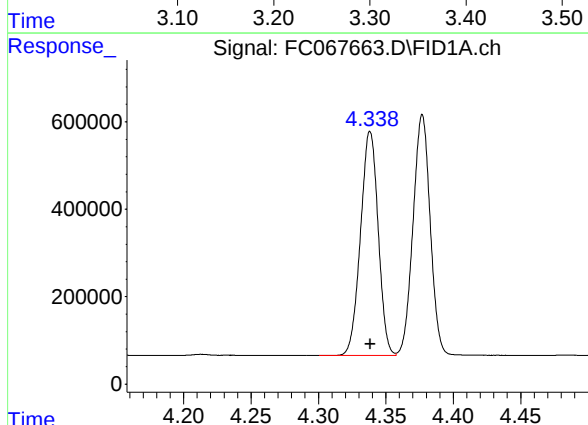
FID_C

ClientSampleId :

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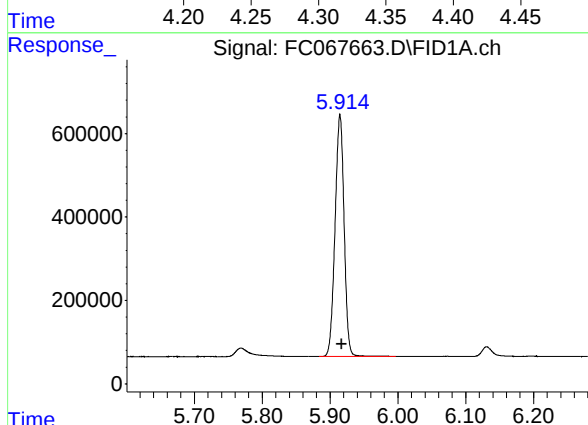
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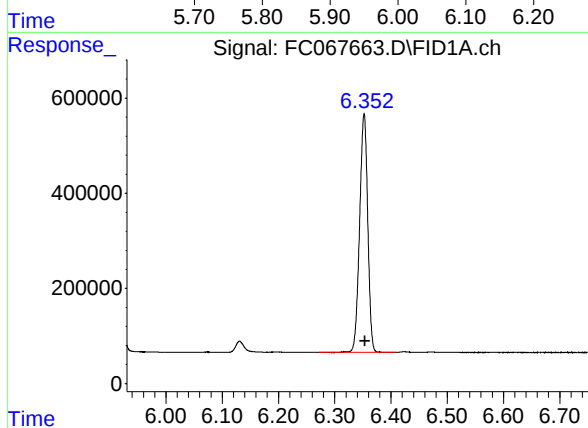
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 4671728
Conc: 34.29 ug/ml



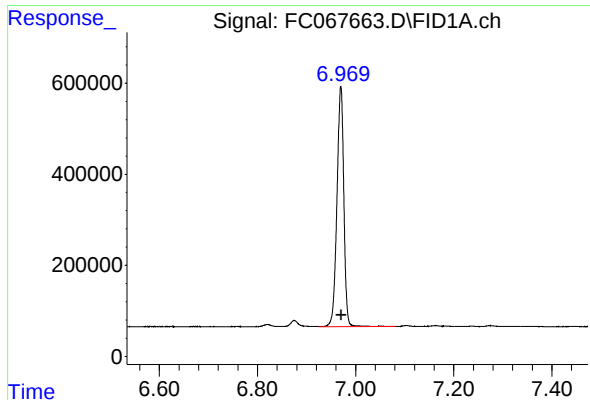
#3 A~Naphthalene (C11.7)

R.T.: 5.915 min
Delta R.T.: -0.002 min
Response: 5382319
Conc: 36.32 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.352 min
Delta R.T.: -0.002 min
Response: 5033158
Conc: 37.16 ug/ml



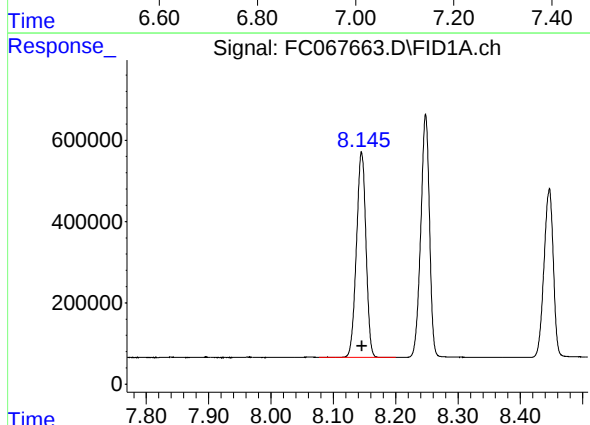
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: -0.002 min
Response: 5133162
Conc: 36.35 ug/ml

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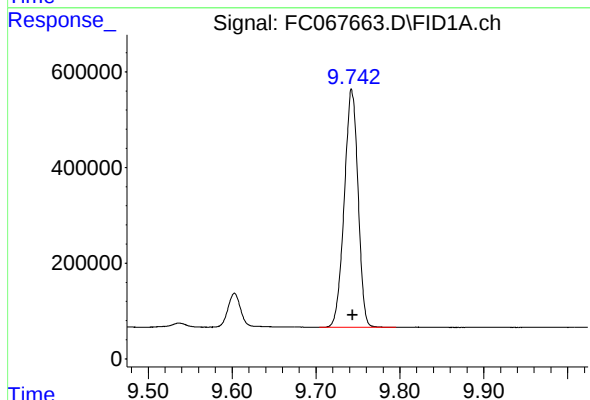
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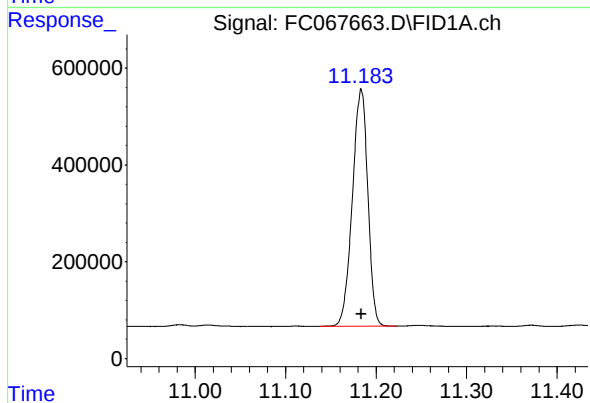
#6 n-Tetradecane (C14)

R.T.: 8.145 min
Delta R.T.: 0.000 min
Response: 5374616
Conc: 40.95 ug/ml



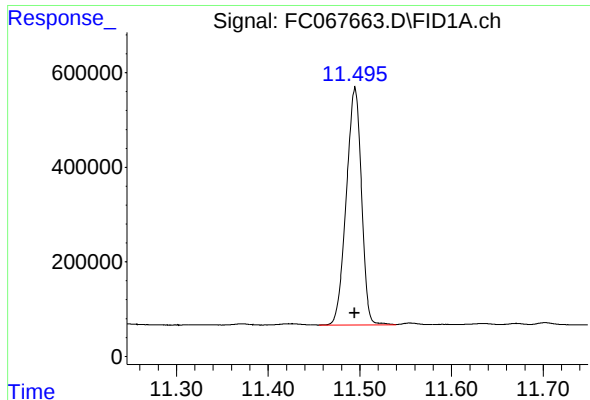
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.001 min
Response: 5687589
Conc: 43.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.000 min
Response: 5819829
Conc: 44.05 ug/ml



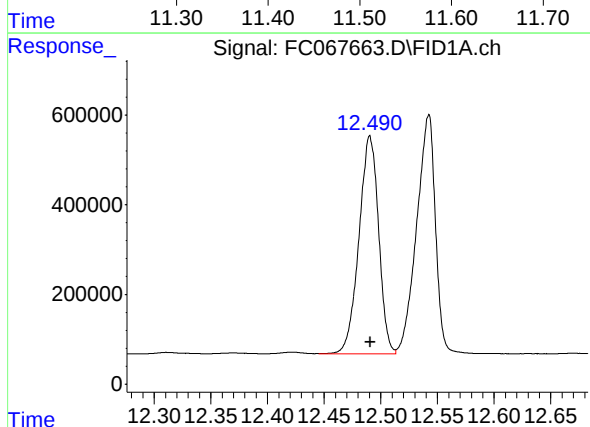
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.000 min
Response: 5776165
Conc: 39.37 ug/ml

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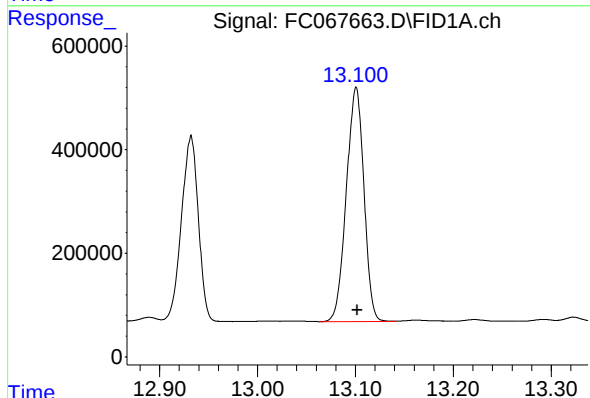
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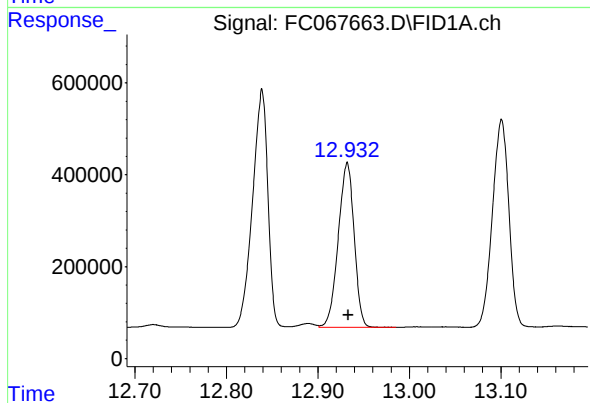
#10 n-Eicosane (C20)

R.T.: 12.490 min
Delta R.T.: 0.000 min
Response: 5859837
Conc: 46.44 ug/ml



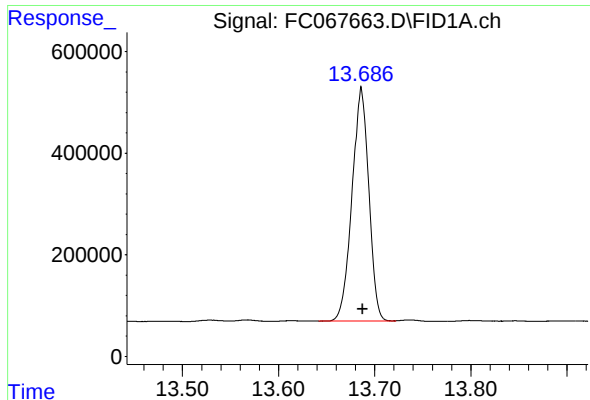
#11 n-Heneicosane (C21)

R.T.: 13.101 min
Delta R.T.: -0.001 min
Response: 5655732
Conc: 45.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.932 min
Delta R.T.: -0.001 min
Response: 4315956
Conc: 39.97 ug/ml



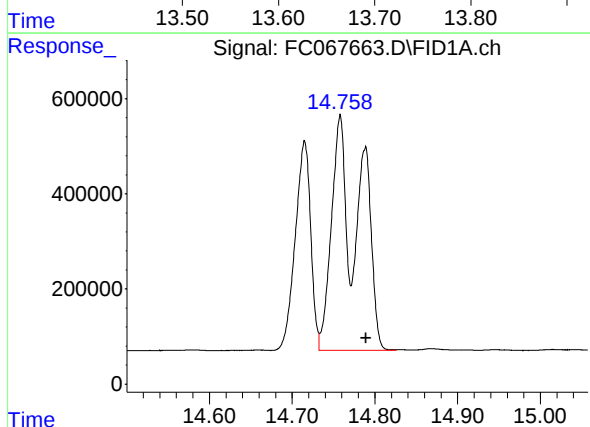
#13 n-Docosane (C22)

R.T.: 13.686 min
Delta R.T.: -0.001 min
Response: 5577534
Conc: 45.55 ug/ml

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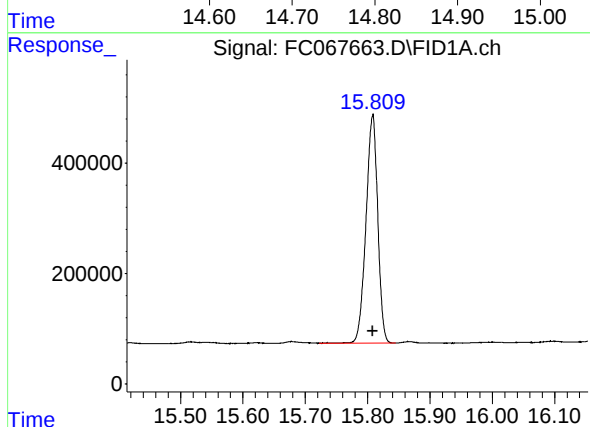
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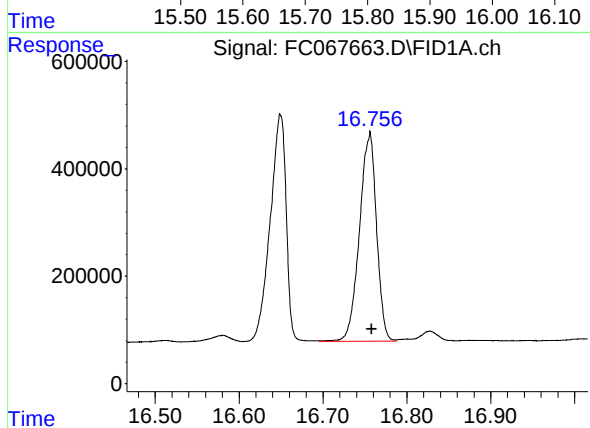
#14 n-Tetracosane (C24)

R.T.: 14.758 min
Delta R.T.: -0.032 min
Response: 11253191
Conc: 92.84 ug/ml m



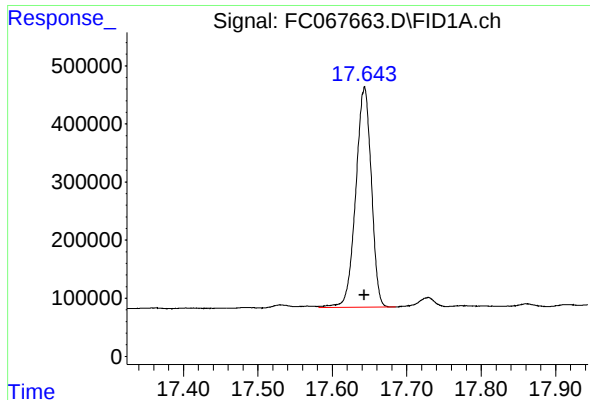
#15 n-Hexacosane (C26)

R.T.: 15.808 min
Delta R.T.: 0.000 min
Response: 5425615
Conc: 45.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: -0.003 min
Response: 5488494
Conc: 46.65 ug/ml



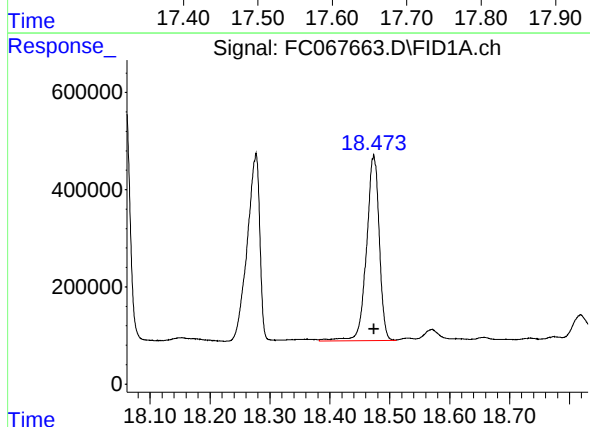
#17 n-Tricontane (C30)

R.T.: 17.643 min
Delta R.T.: 0.000 min
Response: 5505898
Conc: 45.55 ug/ml

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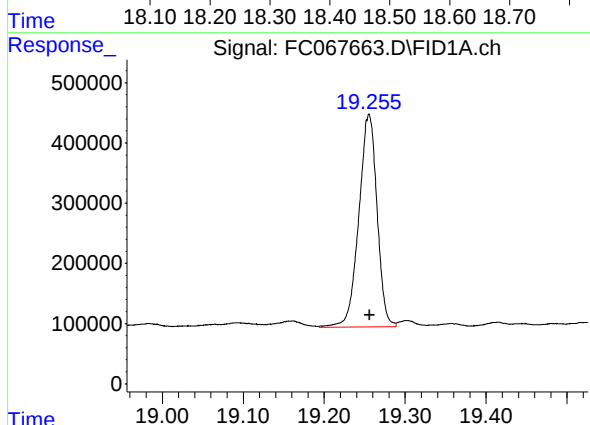
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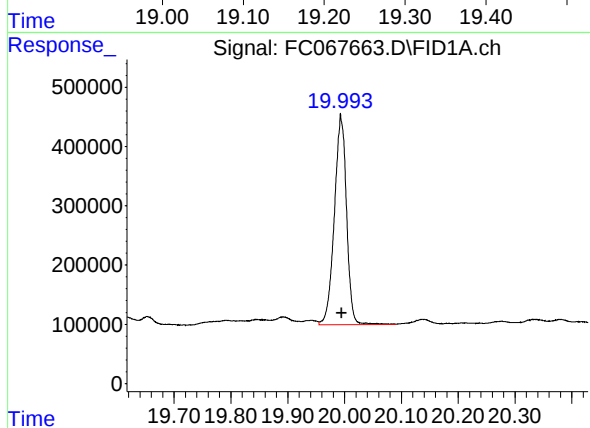
#18 n-Dotriacontane (C32)

R.T.: 18.473 min
Delta R.T.: 0.000 min
Response: 5670910
Conc: 47.93 ug/ml



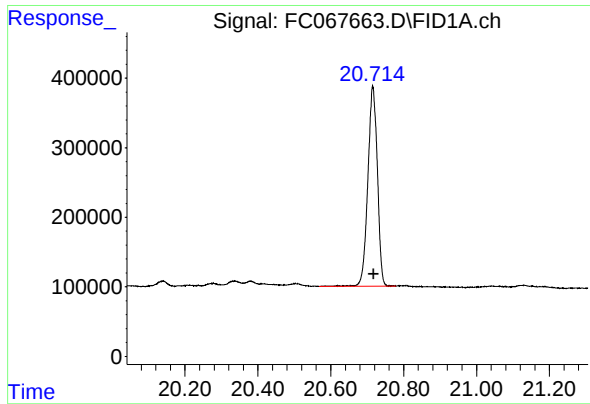
#19 n-Tetatriacontane (C34)

R.T.: 19.255 min
Delta R.T.: 0.000 min
Response: 5520856
Conc: 52.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: 0.000 min
Response: 5271964
Conc: 57.92 ug/ml



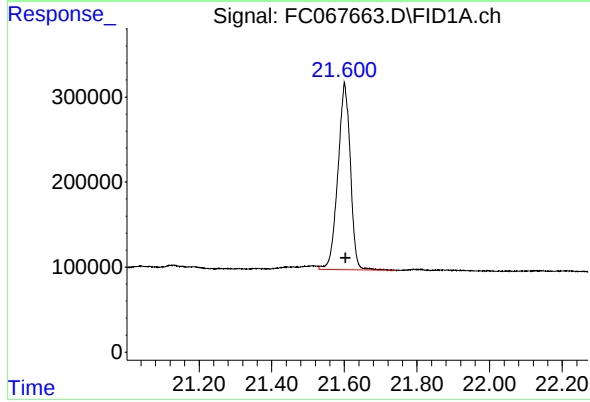
#21 n-Octatriacontane (C38)

R.T.: 20.715 min
Delta R.T.: -0.003 min
Response: 5217333
Conc: 60.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.601 min
Delta R.T.: -0.003 min
Response: 5258204
Conc: 61.85 ug/ml