

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
 Data File : FC067920.D
 Signal(s) : FID1A.ch
 Acq On : 05 Dec 2024 17:16
 Operator : YP/AJ
 Sample : P5095-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 MH-764MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/09/2024
 Supervised By :Ankita Jodhani 12/09/2024

Integration File: sample.E
 Quant Time: Dec 06 00:20:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 14 14:13:15 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)	11.474	4693503	24.209 ug/ml
Spiked Amount 50.000		Recovery =	48.42%
12) S 1-chlorooctadecane (S...	12.914	3810088	26.247 ug/ml
Spiked Amount 50.000		Recovery =	52.49%
Target Compounds			
1) T n-Nonane (C9)	3.258	4627373	28.369 ug/ml
2) T n-Decane (C10)	4.318	5241059	31.605 ug/ml
3) T A~Naphthalene (C11.7)	5.892	6267091	34.217 ug/ml
4) T n-Dodecane (C12)	6.332	5976896	35.486 ug/ml
5) T A~2-methylnaphthalene...	6.948	6118706	34.500 ug/ml
6) T n-Tetradecane (C14)	8.127	6658188	39.757 ug/ml
7) T n-Hexadecane (C16)	9.724	6793327	39.200 ug/ml
8) T n-Octadecane (C18)	11.165	6717774	38.182 ug/ml
10) T n-Eicosane (C20)	12.474	6676547	39.650 ug/ml
11) T n-Heneicosane (C21)	13.084	6301144	38.296 ug/ml
13) T n-Docosane (C22)	13.670	6209222	38.128 ug/ml
14) T n-Tetracosane (C24)	14.741	12048643	75.125 ug/mlm
15) T n-Hexacosane (C26)	15.793	5780995	37.330 ug/ml
16) T n-Octacosane (C28)	16.740	5639244	37.340 ug/ml
17) T n-Tricontane (C30)	17.627	5584445	36.474 ug/ml
18) T n-Dotriacontane (C32)	18.458	5449084	36.895 ug/ml
19) T n-Tetratriacontane (C34)	19.240	5394389	42.768 ug/ml
20) T n-Hexatriacontane (C36)	19.980	5230693	50.013 ug/mlm
21) T n-Octatriacontane (C38)	20.700	5185287	53.082 ug/ml
22) T n-Tetracontane (C40)	21.581	5243342	53.796 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120524AL\
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Operator : YP/AJ
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ALS Vial : 16 Sample Multiplier: 1

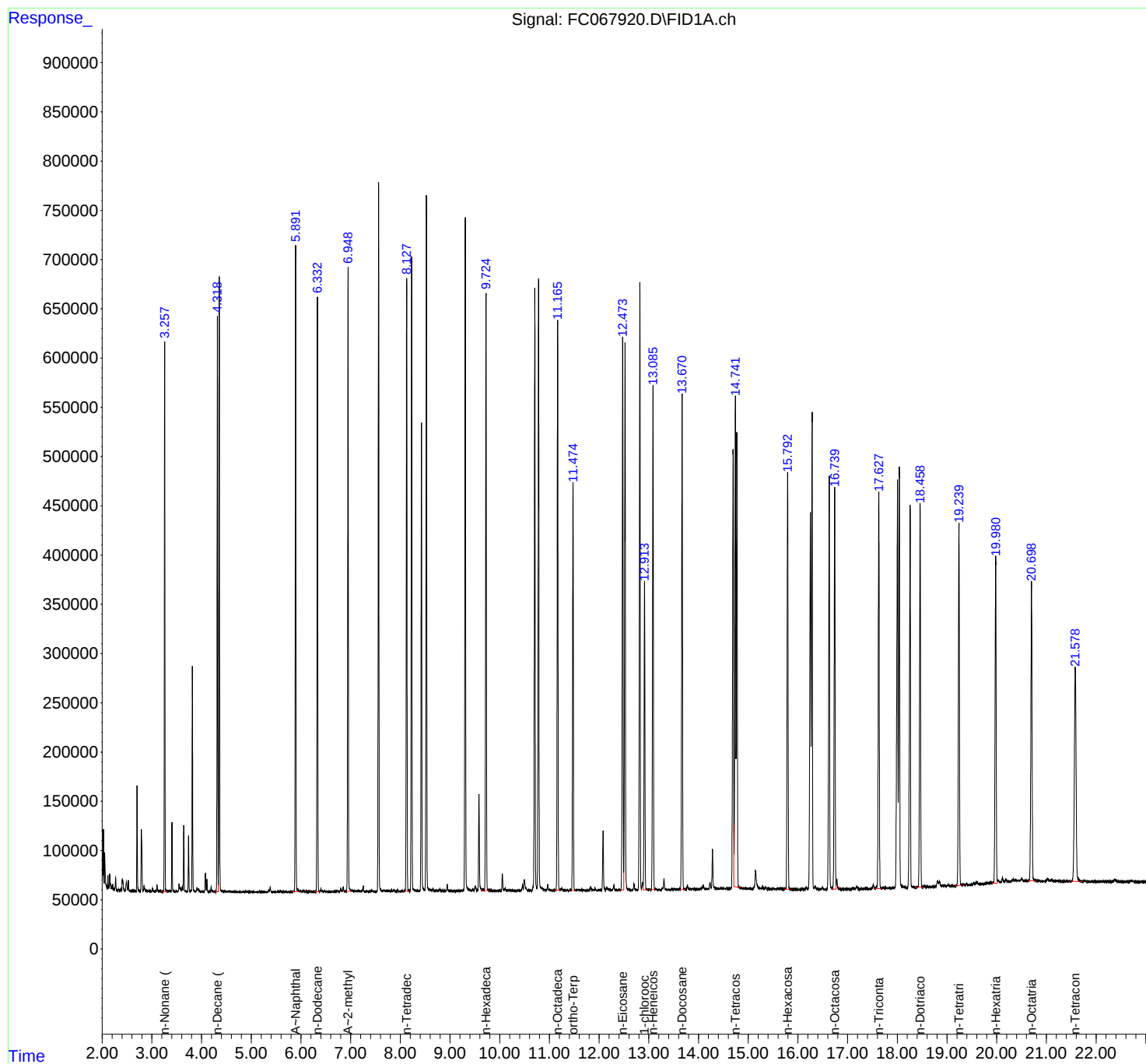
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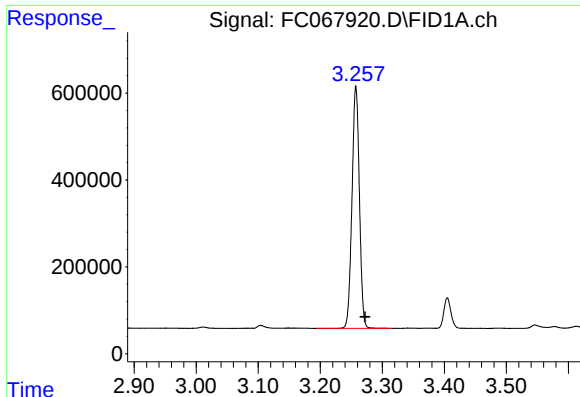
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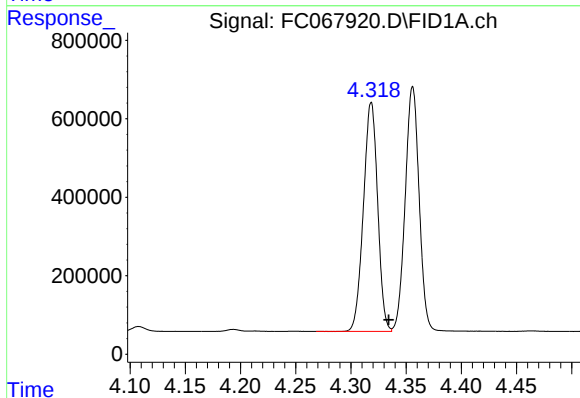
#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.014 min
Response: 4627373
Conc: 28.37 ug/ml

Instrument :
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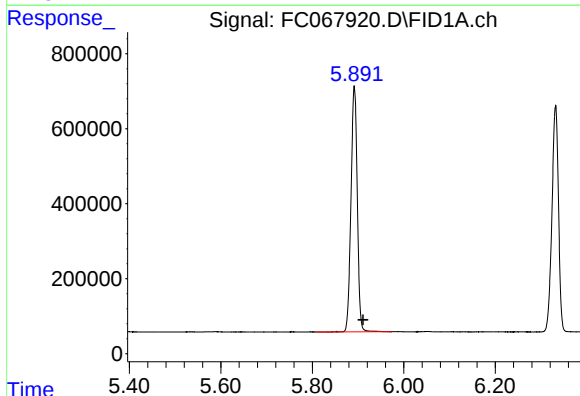
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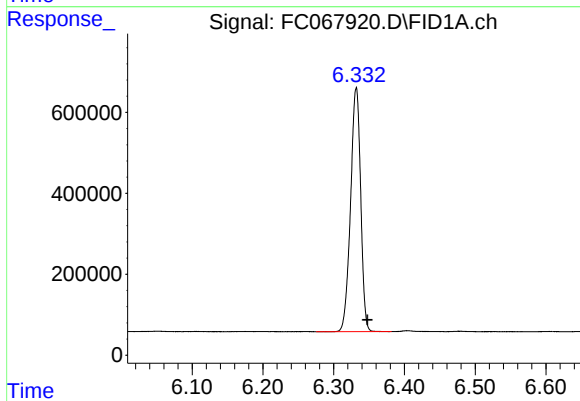
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.016 min
Response: 5241059
Conc: 31.60 ug/ml



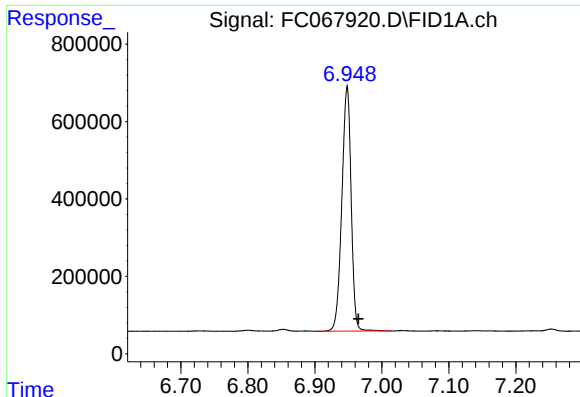
#3 A~Naphthalene (C11.7)

R.T.: 5.892 min
Delta R.T.: -0.019 min
Response: 6267091
Conc: 34.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.332 min
Delta R.T.: -0.016 min
Response: 5976896
Conc: 35.49 ug/ml



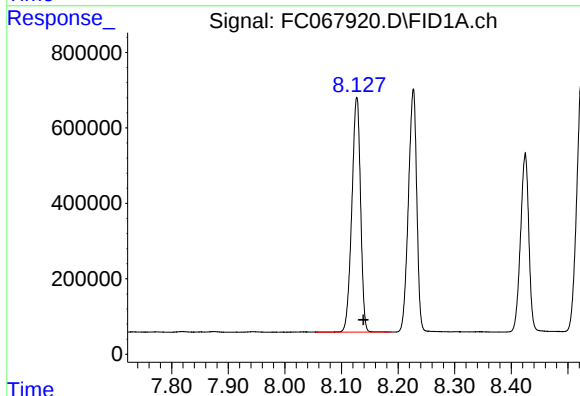
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.948 min
Delta R.T.: -0.017 min
Response: 6118706
Conc: 34.50 ug/ml

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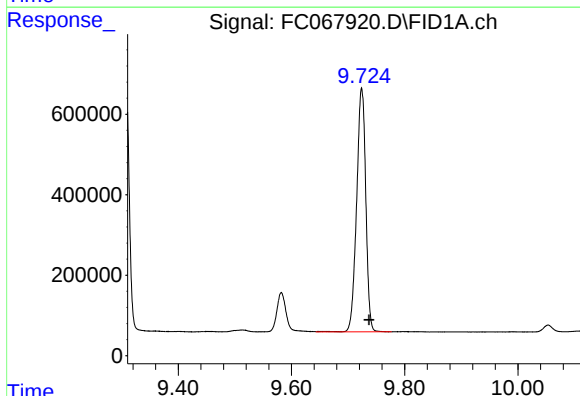
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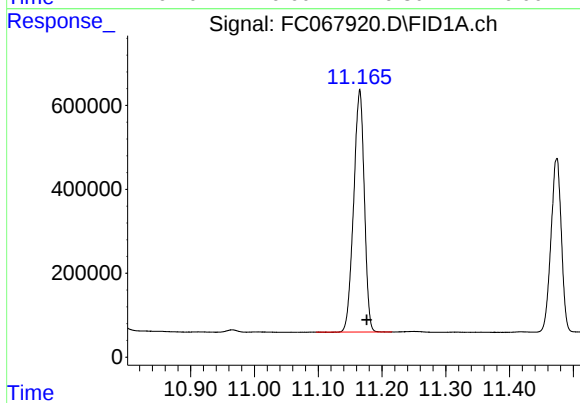
#6 n-Tetradecane (C14)

R.T.: 8.127 min
Delta R.T.: -0.012 min
Response: 6658188
Conc: 39.76 ug/ml



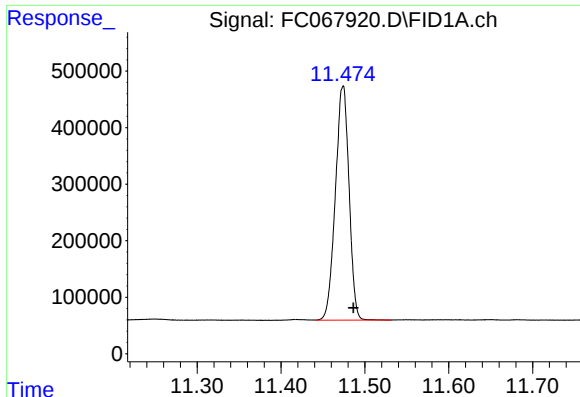
#7 n-Hexadecane (C16)

R.T.: 9.724 min
Delta R.T.: -0.013 min
Response: 6793327
Conc: 39.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.165 min
Delta R.T.: -0.011 min
Response: 6717774
Conc: 38.18 ug/ml



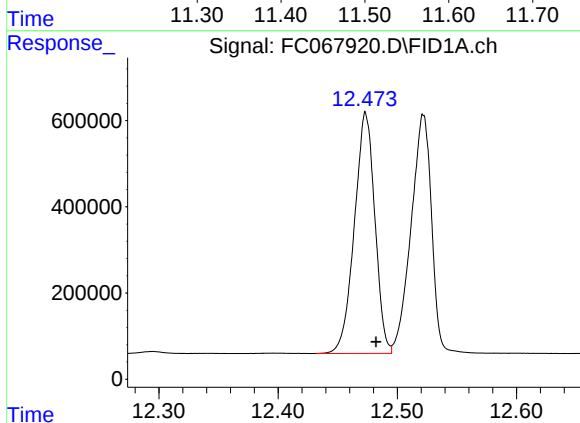
#9 ortho-Terphenyl (SURR)

R.T.: 11.474 min
Delta R.T.: -0.013 min
Response: 4693503
Conc: 24.21 ug/ml

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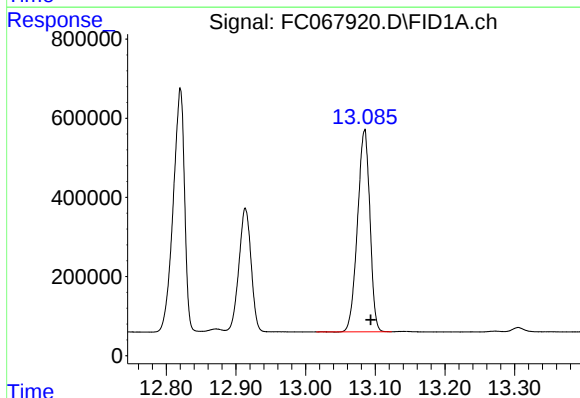
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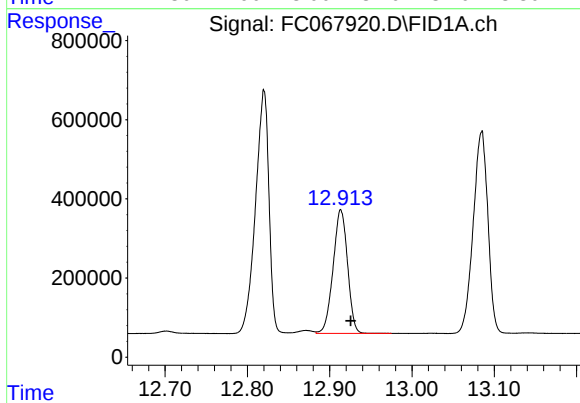
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: -0.009 min
Response: 6676547
Conc: 39.65 ug/ml



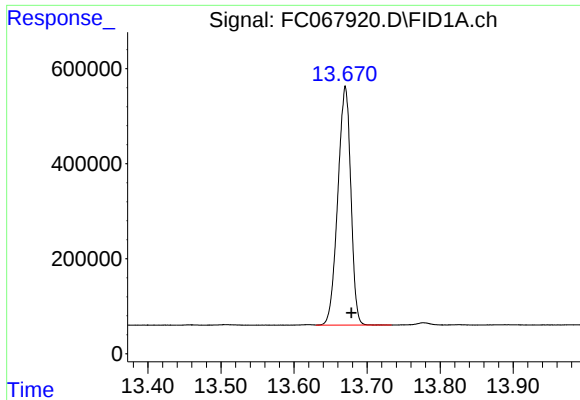
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.009 min
Response: 6301144
Conc: 38.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.914 min
Delta R.T.: -0.012 min
Response: 3810088
Conc: 26.25 ug/ml



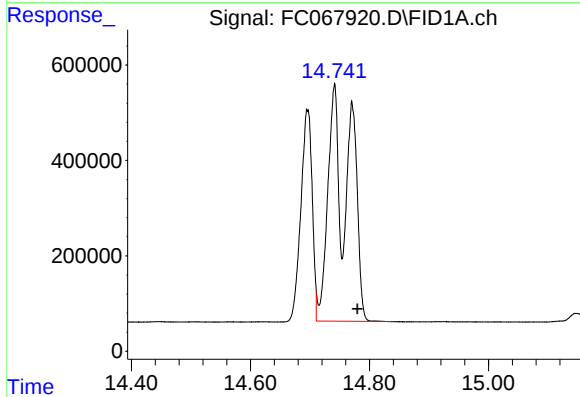
#13 n-Docosane (C22)

R.T.: 13.670 min
Delta R.T.: -0.009 min
Response: 6209222
Conc: 38.13 ug/ml

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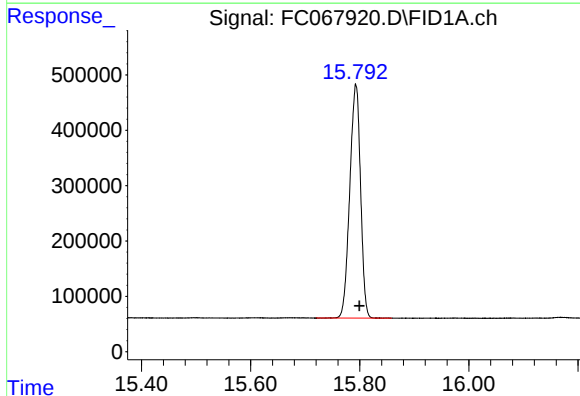
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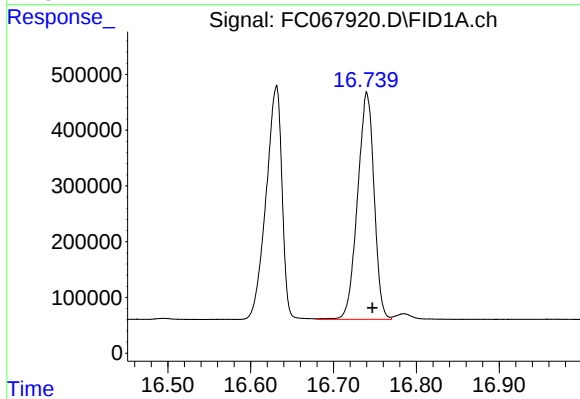
#14 n-Tetracosane (C24)

R.T.: 14.741 min
Delta R.T.: -0.039 min
Response: 12048643
Conc: 75.12 ug/ml m



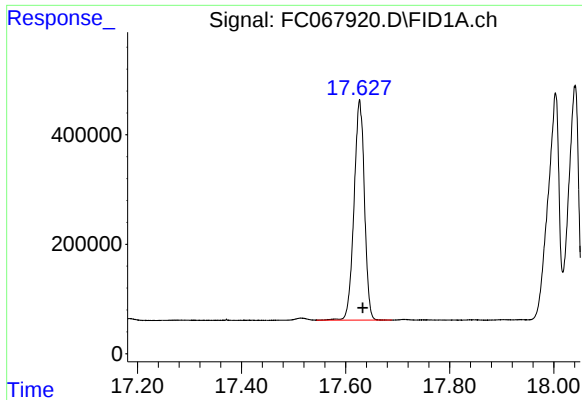
#15 n-Hexacosane (C26)

R.T.: 15.793 min
Delta R.T.: -0.007 min
Response: 5780995
Conc: 37.33 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.740 min
Delta R.T.: -0.007 min
Response: 5639244
Conc: 37.34 ug/ml



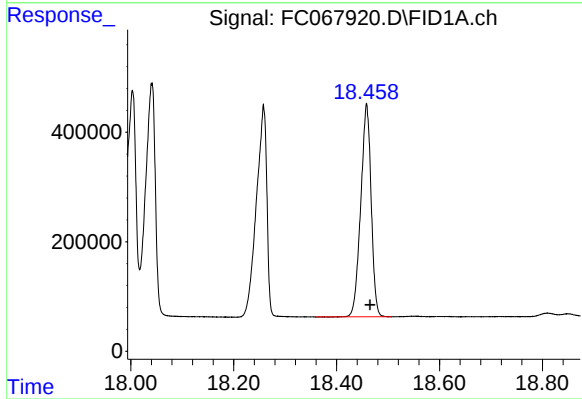
#17 n-Tricontane (C30)

R.T.: 17.627 min
Delta R.T.: -0.006 min
Response: 5584445
Conc: 36.47 ug/ml

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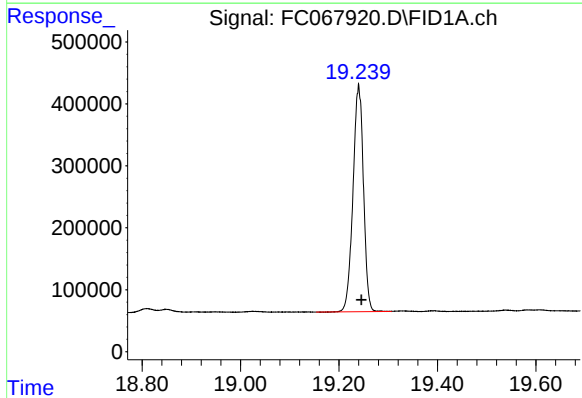
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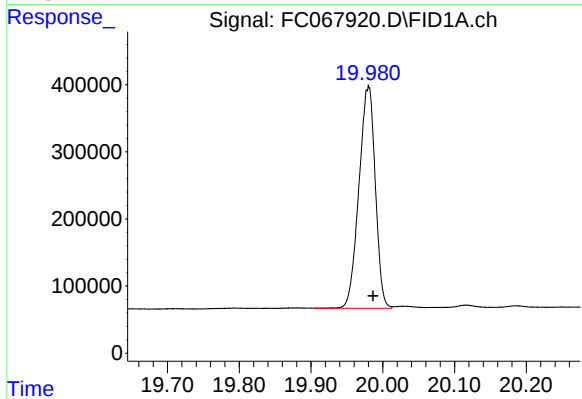
#18 n-Dotriacontane (C32)

R.T.: 18.458 min
Delta R.T.: -0.007 min
Response: 5449084
Conc: 36.90 ug/ml



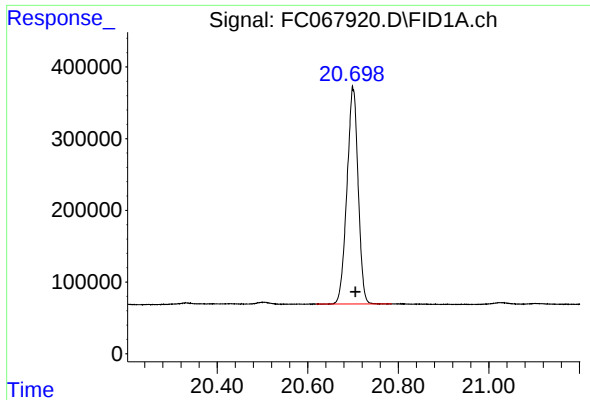
#19 n-Tetratriacontane (C34)

R.T.: 19.240 min
Delta R.T.: -0.005 min
Response: 5394389
Conc: 42.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.980 min
Delta R.T.: -0.006 min
Response: 5230693
Conc: 50.01 ug/ml m



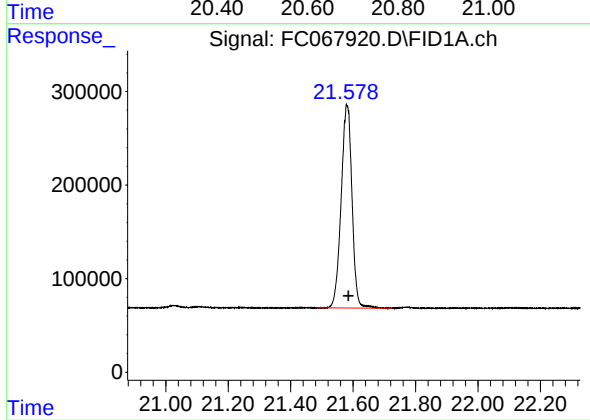
#21 n-Octatriacontane (C38)

R.T.: 20.700 min
Delta R.T.: -0.005 min
Response: 5185287
Conc: 53.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.581 min
Delta R.T.: -0.004 min
Response: 5243342
Conc: 53.80 ug/ml