

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F102824AL\
 Data File : FC067547.D
 Signal(s) : FID1A.ch
 Acq On : 28 Oct 2024 17:39
 Operator : YP/AJ
 Sample : P4518-05MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EX-5-TPH-5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/05/2024
 Supervised By :Ankita Jodhani 12/05/2024

Integration File: sample.E
 Quant Time: Oct 30 03:44:08 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			
12) S 1-chlorooctadecane (S...	12.936	4079872	37.781 ug/mlm
Spiked Amount 50.000		Recovery =	75.56%
Target Compounds			
1) T n-Nonane (C9)	3.274	4520951	33.558 ug/ml
2) T n-Decane (C10)	4.340	6026490	44.232 ug/ml
4) T n-Dodecane (C12)	6.357	7180933	53.018 ug/mlm
6) T n-Tetradecane (C14)	8.154	8803691	67.070 ug/mlm
7) T n-Hexadecane (C16)	9.752	9306087	70.446 ug/mlm
8) T n-Octadecane (C18)	11.193	9619859	72.815 ug/mlm
10) T n-Eicosane (C20)	12.497	9020125	71.488 ug/mlm
11) T n-Heneicosane (C21)	13.108	7939139	64.329 ug/mlm
13) T n-Docosane (C22)	13.690	7997895	65.316 ug/mlm
14) T n-Tetracosane (C24)	14.791	7739212	63.850 ug/mlm
15) T n-Hexacosane (C26)	15.812	7592977	63.777 ug/mlm
16) T n-Octacosane (C28)	16.760	7603701	64.631 ug/mlm
17) T n-Tricontane (C30)	17.645	7586580	62.766 ug/mlm
18) T n-Dotriacontane (C32)	18.476	7429618	62.792 ug/mlm
19) T n-Tetratriacontane (C34)	19.258	8056399	76.927 ug/ml
20) T n-Hexatriacontane (C36)	19.996	7559600	83.048 ug/ml
21) T n-Octatriacontane (C38)	20.720	7539093	87.054 ug/ml
22) T n-Tetracontane (C40)	21.605	7436772	87.480 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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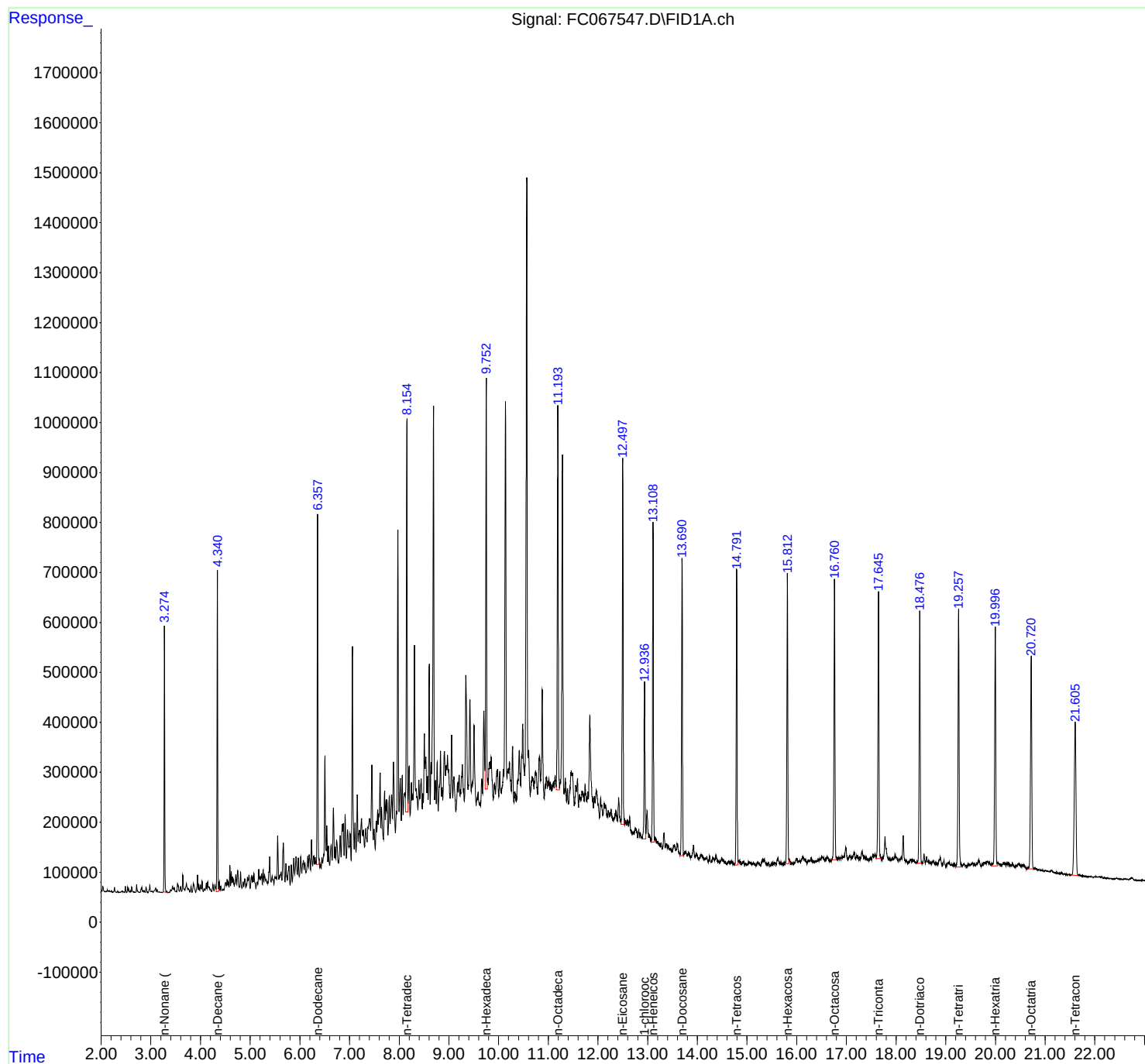
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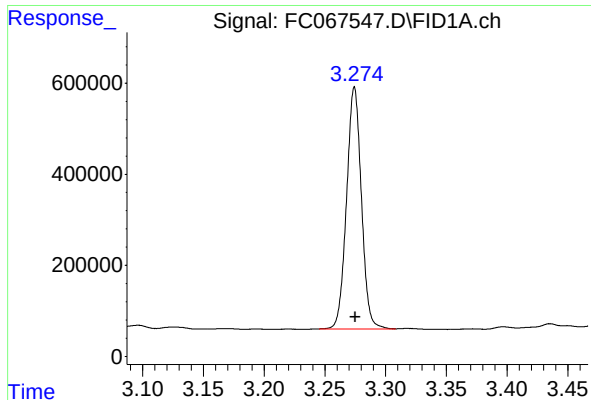
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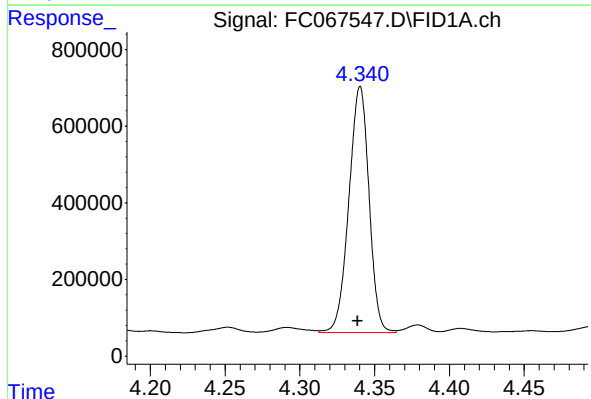
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.000 min
Response: 4520951
Conc: 33.56 ug/ml

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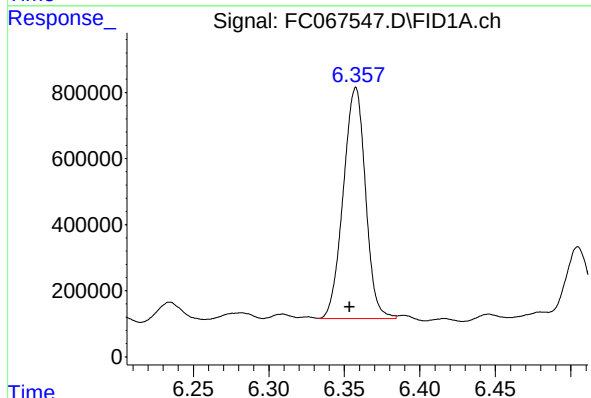
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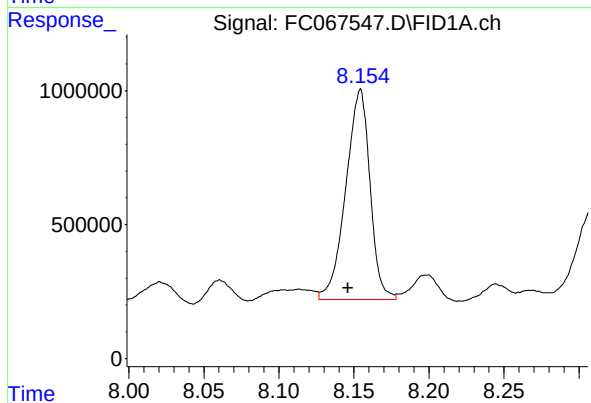
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: 0.002 min
Response: 6026490
Conc: 44.23 ug/ml



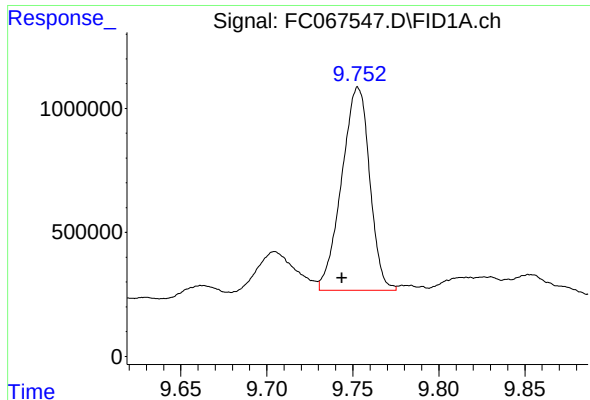
#4 n-Dodecane (C12)

R.T.: 6.357 min
Delta R.T.: 0.004 min
Response: 7180933
Conc: 53.02 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.154 min
Delta R.T.: 0.008 min
Response: 8803691
Conc: 67.07 ug/ml m



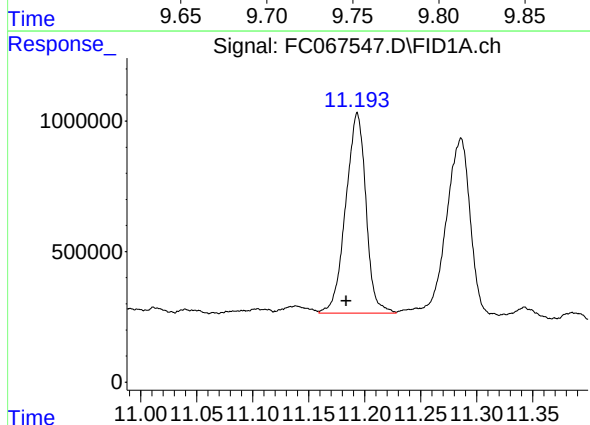
#7 n-Hexadecane (C16)

R.T.: 9.752 min
Delta R.T.: 0.009 min
Response: 9306087
Conc: 70.45 ug/ml

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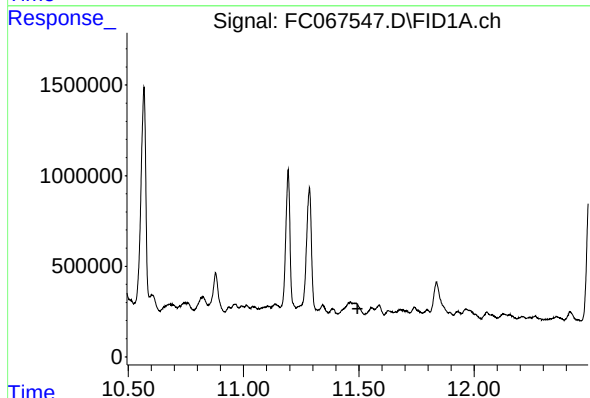
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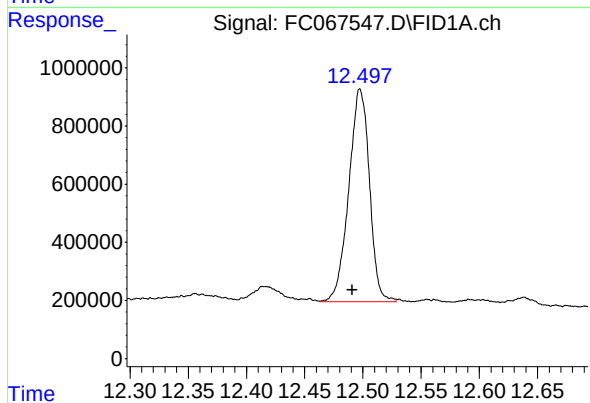
#8 n-Octadecane (C18)

R.T.: 11.193 min
Delta R.T.: 0.009 min
Response: 9619859
Conc: 72.82 ug/ml m



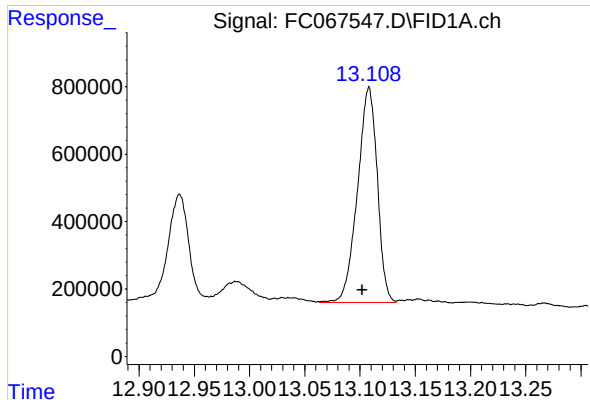
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.494 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.497 min
Delta R.T.: 0.006 min
Response: 9020125
Conc: 71.49 ug/ml m



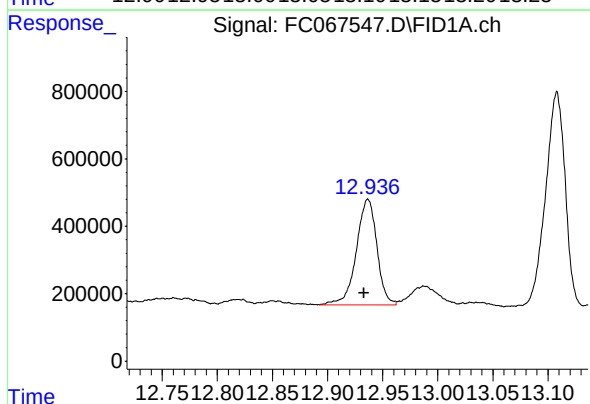
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.006 min
Response: 7939139
Conc: 64.33 ug/ml

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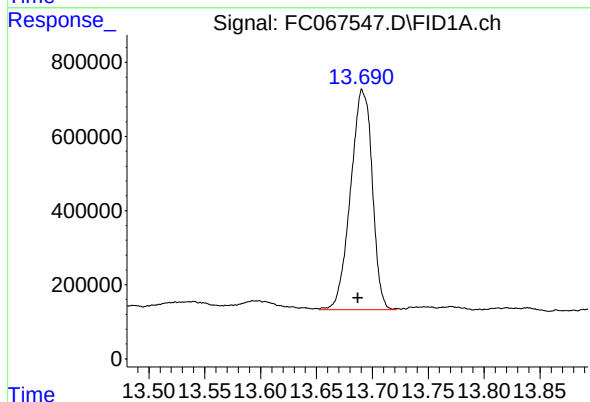
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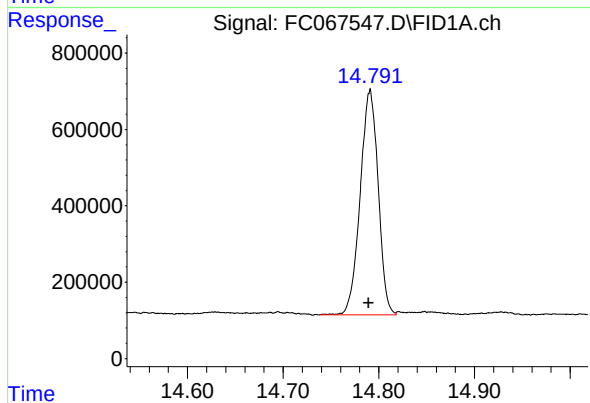
#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.003 min
Response: 4079872
Conc: 37.78 ug/ml m



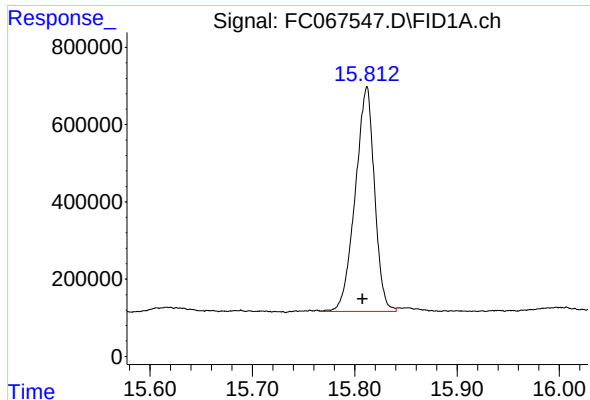
#13 n-Docosane (C22)

R.T.: 13.690 min
Delta R.T.: 0.003 min
Response: 7997895
Conc: 65.32 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.791 min
Delta R.T.: 0.002 min
Response: 7739212
Conc: 63.85 ug/ml m



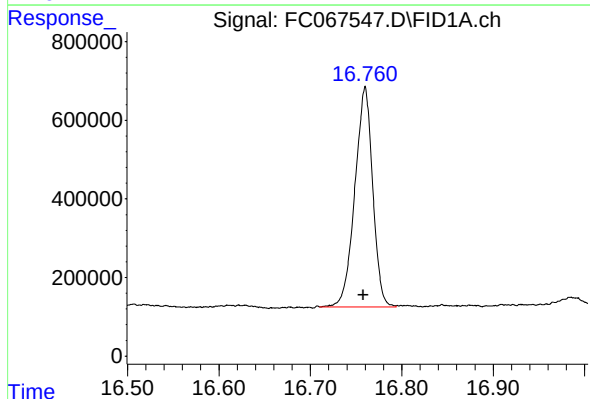
#15 n-Hexacosane (C26)

R.T.: 15.812 min
Delta R.T.: 0.004 min
Response: 7592977
Conc: 63.78 ug/ml

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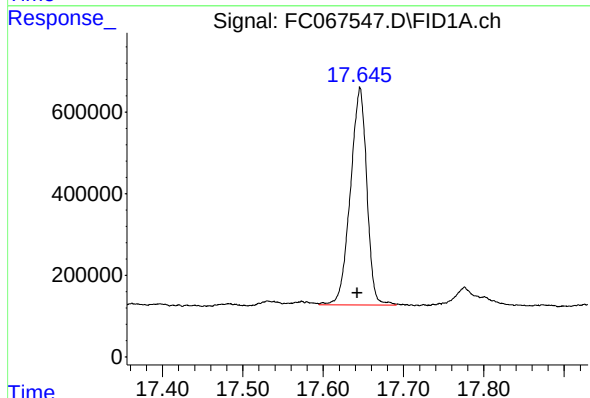
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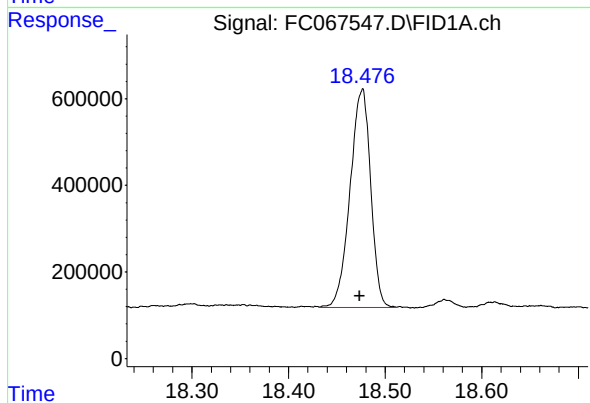
#16 n-Octacosane (C28)

R.T.: 16.760 min
Delta R.T.: 0.002 min
Response: 7603701
Conc: 64.63 ug/ml m



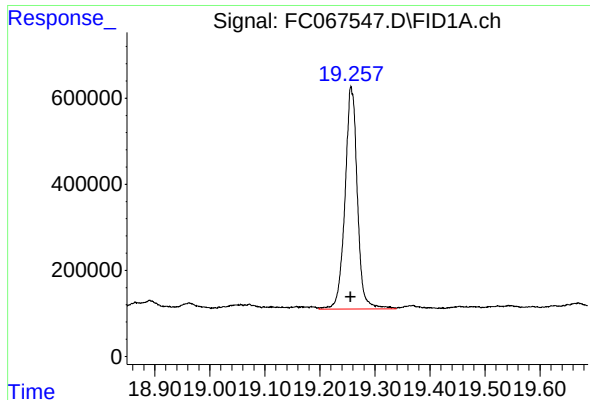
#17 n-Tricontane (C30)

R.T.: 17.645 min
Delta R.T.: 0.003 min
Response: 7586580
Conc: 62.77 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.003 min
Response: 7429618
Conc: 62.79 ug/ml m



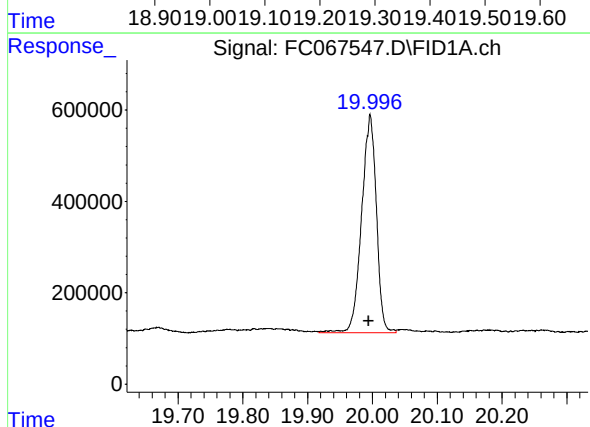
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.001 min
Response: 8056399
Conc: 76.93 ug/ml

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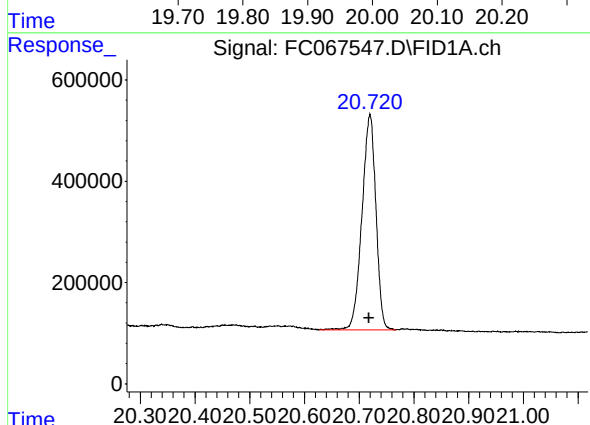
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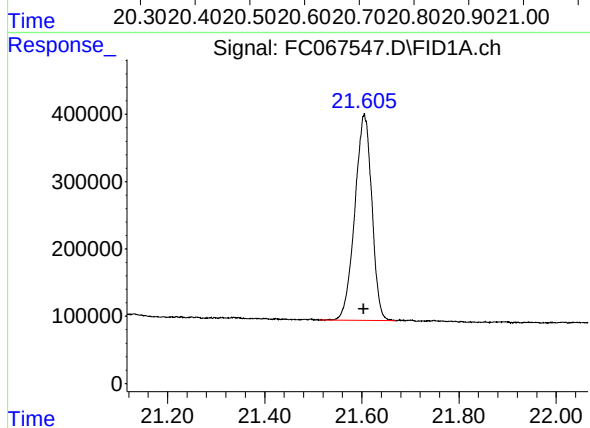
#20 n-Hexatriacontane (C36)

R.T.: 19.996 min
Delta R.T.: 0.002 min
Response: 7559600
Conc: 83.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.720 min
Delta R.T.: 0.002 min
Response: 7539093
Conc: 87.05 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.002 min
Response: 7436772
Conc: 87.48 ug/ml