

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102925AL\
 Data File : FC070072.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 12:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: autoint1.e
 Quant Time: Oct 30 04:42:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:35:40 2025
 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)	11.640	3009842	17.140 ug/ml
Spiked Amount 50.000		Recovery =	34.28%
12) S 1-chlorooctadecane (S...	13.075	2352128	17.328 ug/ml
Spiked Amount 50.000		Recovery =	34.66%
Target Compounds			
1) T n-Nonane (C9)	3.381	2291119	16.685 ug/ml
2) T n-Decane (C10)	4.451	2468475	17.171 ug/ml
3) T A~Naphthalene (C11.7)	6.045	2705905	16.743 ug/ml
4) T n-Dodecane (C12)	6.473	2623382	17.115 ug/ml
5) T A~2-methylnaphthalene...	7.103	2665332	16.705 ug/ml
6) T n-Tetradecane (C14)	8.271	2719890	17.102 ug/ml
7) T n-Hexadecane (C16)	9.873	2889604	17.147 ug/ml
8) T n-Octadecane (C18)	11.318	2945436	17.313 ug/ml
10) T n-Eicosane (C20)	12.628	2798823	17.445 ug/ml
11) T n-Heneicosane (C21)	13.241	2721812	17.529 ug/ml
13) T n-Docosane (C22)	13.828	2702810	17.563 ug/ml
14) T n-Tetracosane (C24)	14.931	2683979	17.701 ug/ml
15) T n-Hexacosane (C26)	15.954	2575611	17.795 ug/ml
16) T n-Octacosane (C28)	16.905	2527470	18.275 ug/ml
17) T n-Tricontane (C30)	17.793	2707223	19.828 ug/ml
18) T n-Dotriacontane (C32)	18.627	2690295	20.866 ug/ml
19) T n-Tetratriacontane (C34)	19.412	2407491	21.100 ug/ml
20) T n-Hexatriacontane (C36)	20.149	1954254	20.207 ug/mlm
21) T n-Octatriacontane (C38)	20.911	1686154	19.346 ug/ml
22) T n-Tetracontane (C40)	21.861	1510900	18.389 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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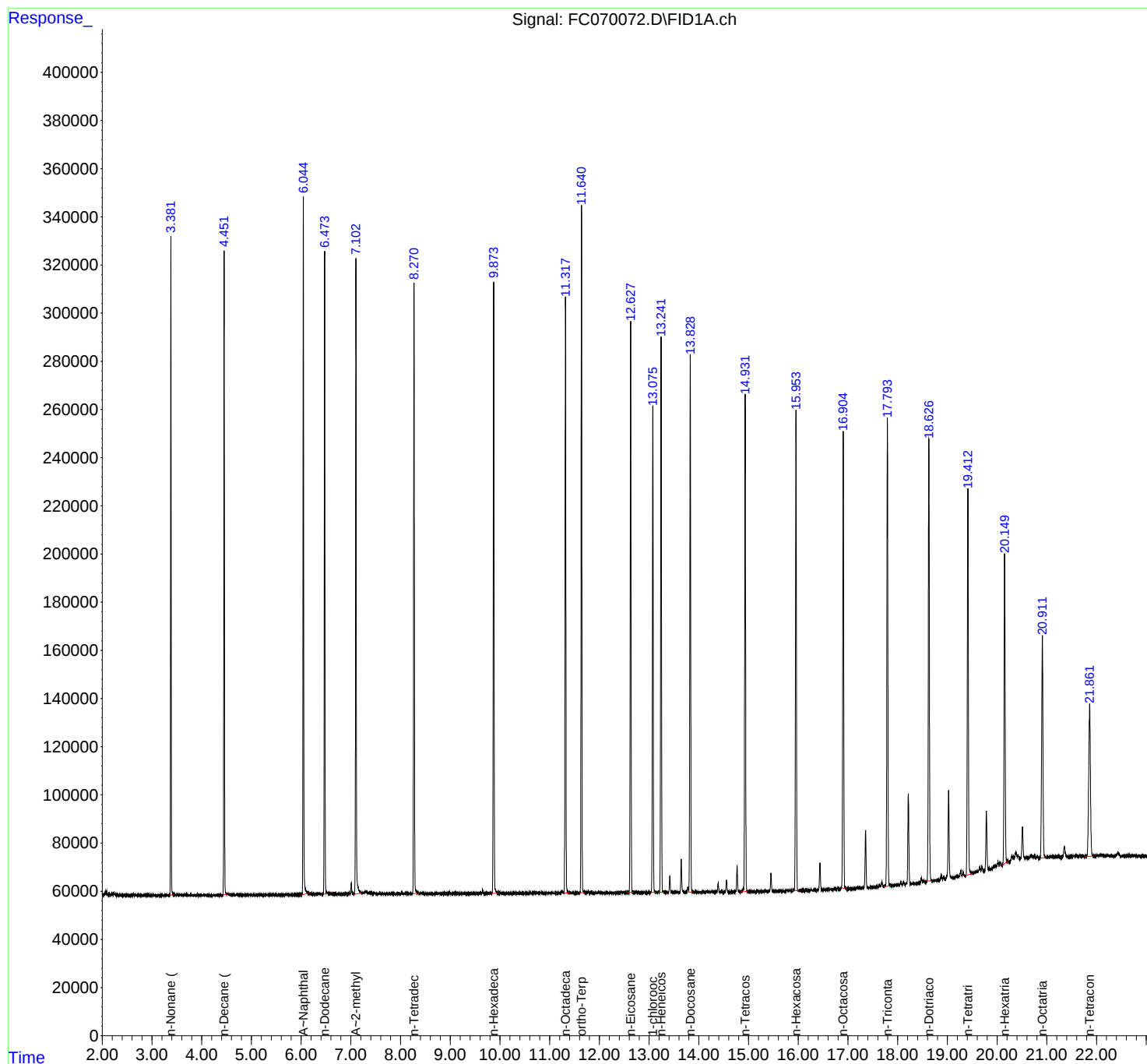
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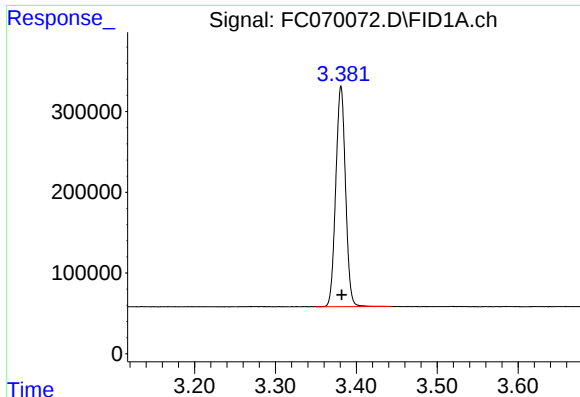
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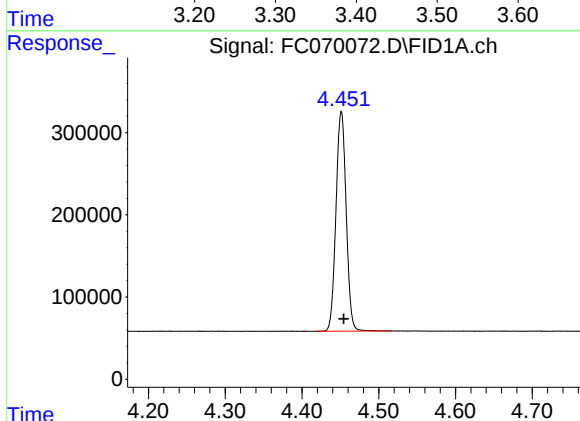
#1 n-Nonane (C9)

R.T.: 3.381 min
Delta R.T.: -0.001 min
Response: 2291119
Conc: 16.68 ug/ml

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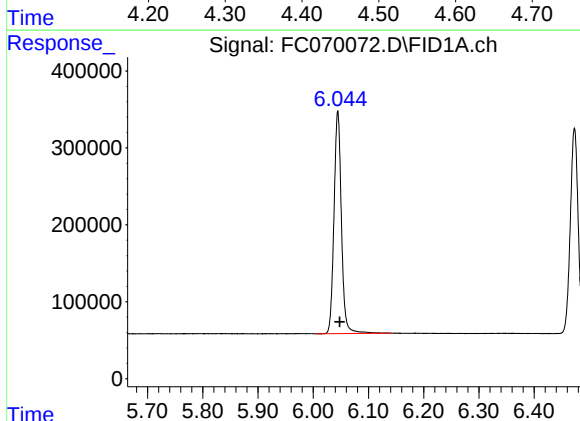
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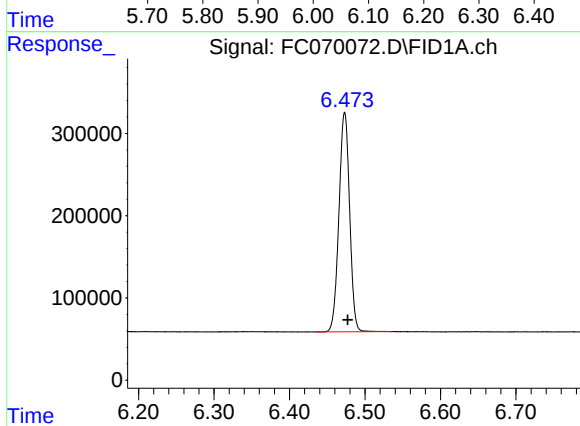
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.003 min
Response: 2468475
Conc: 17.17 ug/ml



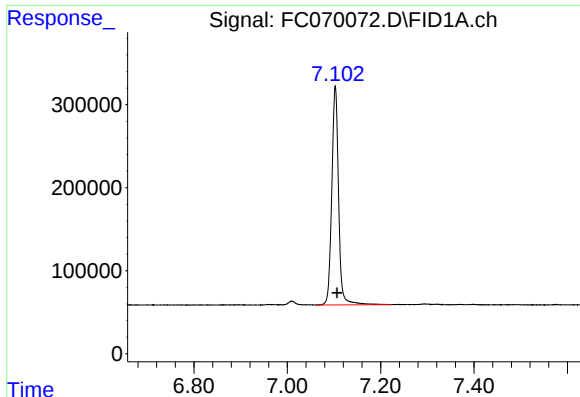
#3 A~Naphthalene (C11.7)

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 2705905
Conc: 16.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.473 min
Delta R.T.: -0.004 min
Response: 2623382
Conc: 17.12 ug/ml



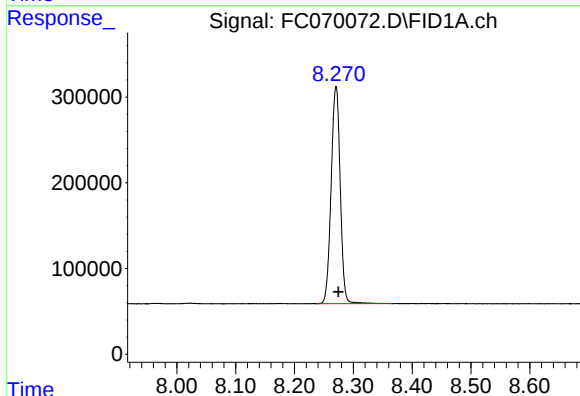
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 2665332
Conc: 16.71 ug/ml

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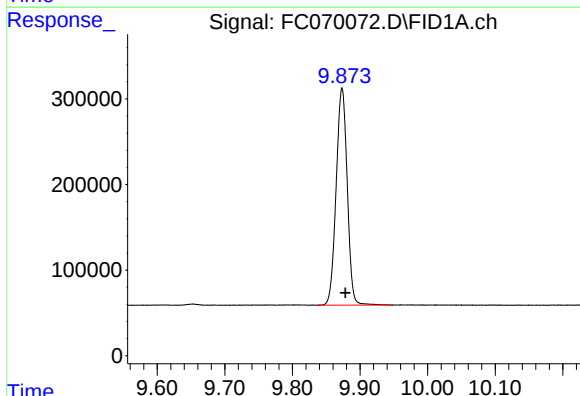
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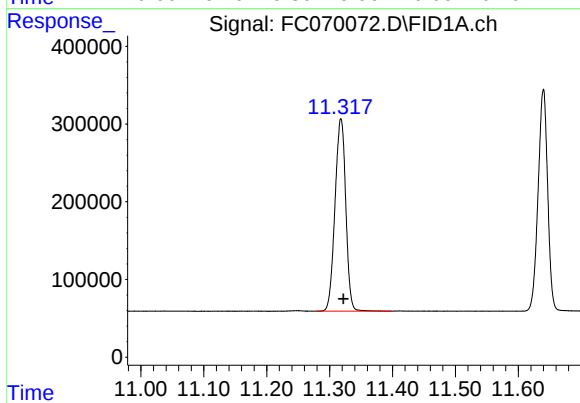
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.004 min
Response: 2719890
Conc: 17.10 ug/ml



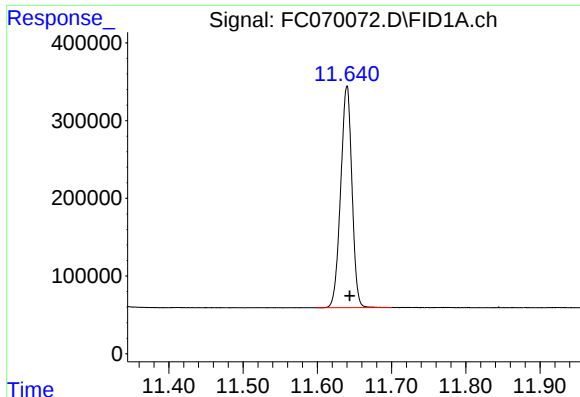
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.005 min
Response: 2889604
Conc: 17.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.004 min
Response: 2945436
Conc: 17.31 ug/ml



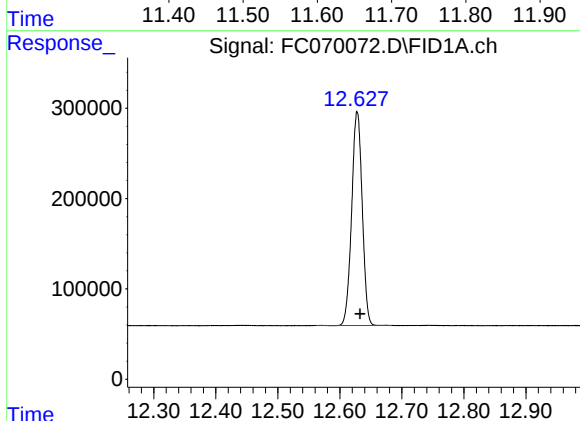
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.004 min
Response: 3009842
Conc: 17.14 ug/ml

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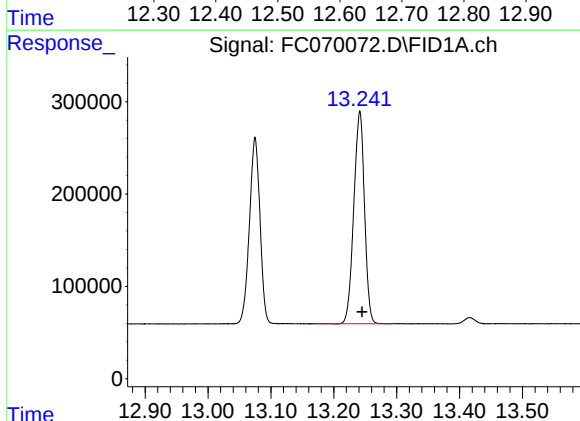
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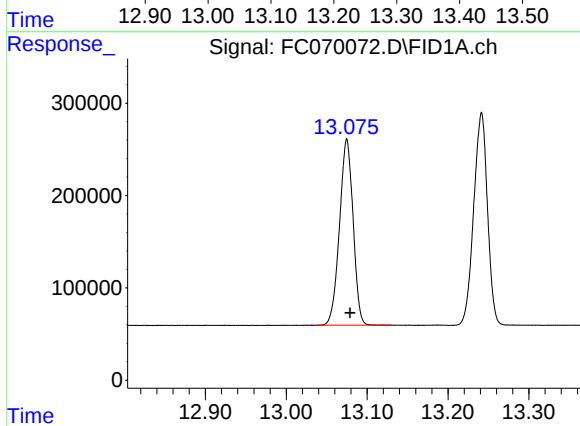
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: -0.005 min
Response: 2798823
Conc: 17.45 ug/ml



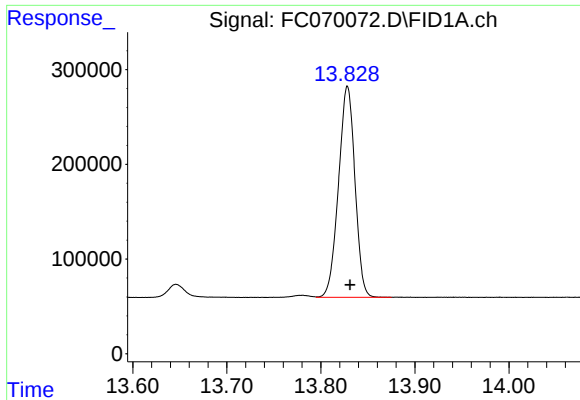
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 2721812
Conc: 17.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.075 min
Delta R.T.: -0.004 min
Response: 2352128
Conc: 17.33 ug/ml



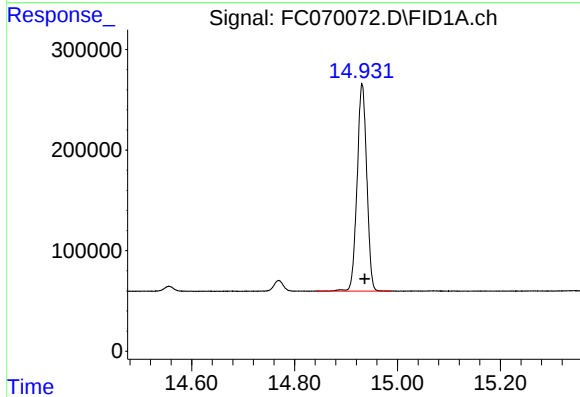
#13 n-Docosane (C22)

R.T.: 13.828 min
Delta R.T.: -0.003 min
Response: 2702810
Conc: 17.56 ug/ml

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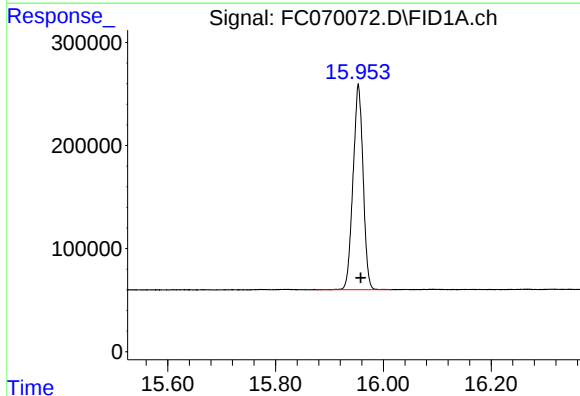
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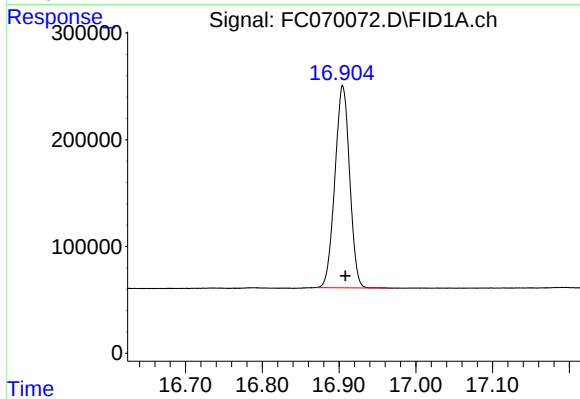
#14 n-Tetracosane (C24)

R.T.: 14.931 min
Delta R.T.: -0.005 min
Response: 2683979
Conc: 17.70 ug/ml



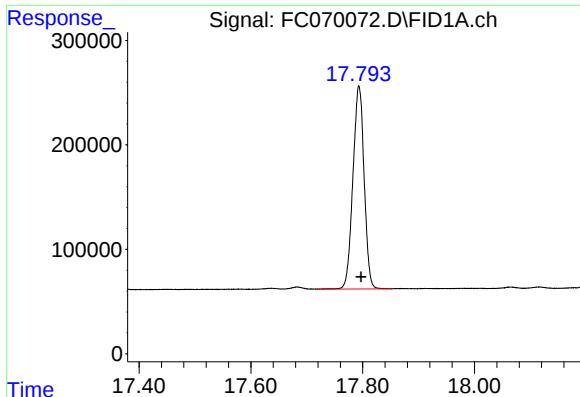
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.004 min
Response: 2575611
Conc: 17.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.003 min
Response: 2527470
Conc: 18.27 ug/ml



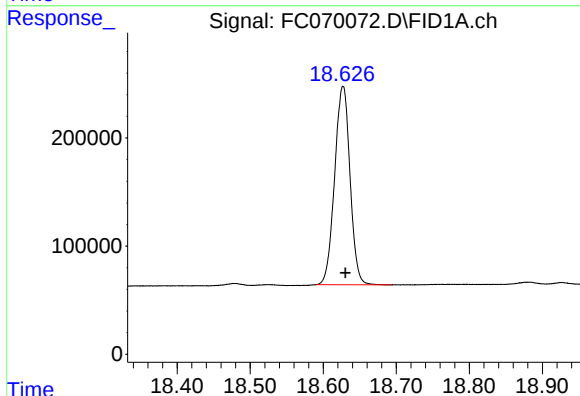
#17 n-Tricontane (C30)

R.T.: 17.793 min
Delta R.T.: -0.003 min
Response: 2707223
Conc: 19.83 ug/ml

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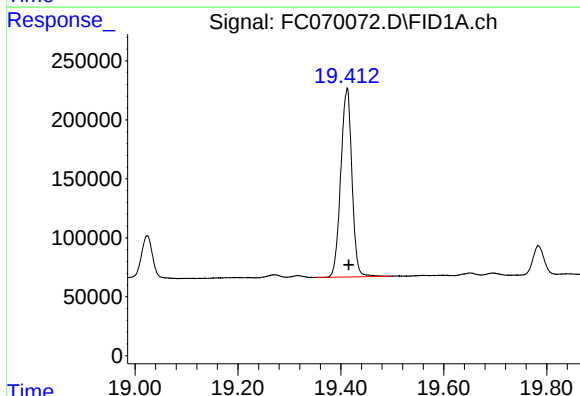
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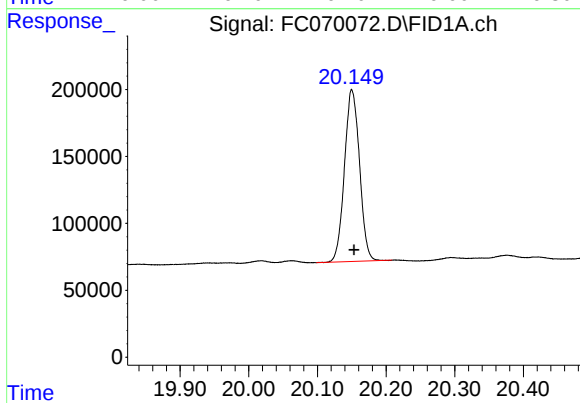
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: -0.003 min
Response: 2690295
Conc: 20.87 ug/ml



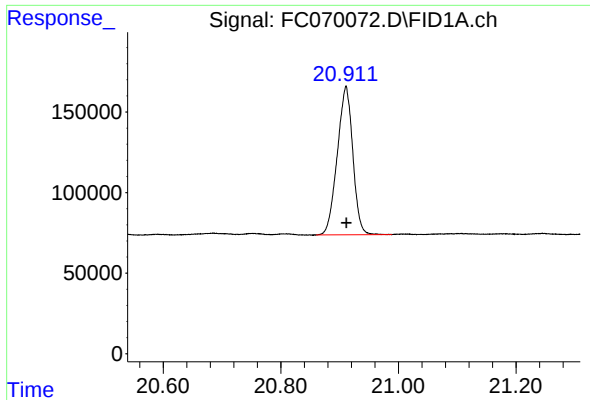
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.004 min
Response: 2407491
Conc: 21.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.149 min
Delta R.T.: -0.004 min
Response: 1954254
Conc: 20.21 ug/ml m



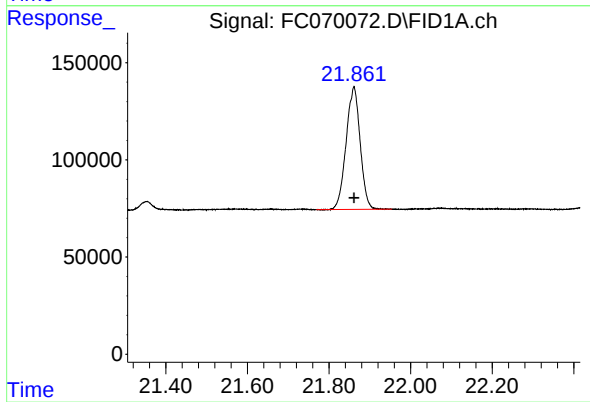
#21 n-Octatriacontane (C38)

R.T.: 20.911 min
Delta R.T.: 0.000 min
Response: 1686154
Conc: 19.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: 0.000 min
Response: 1510900
Conc: 18.39 ug/ml