

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110625AL\
 Data File : FC070156.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2025 01:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/07/2025
 Supervised By :Yogesh Patel 11/07/2025

Integration File: autoint1.e
 Quant Time: Nov 07 08:18:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 110625.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 06 14:47:49 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)	11.636	3415274	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.071	2646170	19.792 ug/ml
Spiked Amount 50.000		Recovery =	39.58%
Target Compounds			
1) T n-Nonane (C9)	3.376	2725671	19.220 ug/ml
2) T n-Decane (C10)	4.447	2833594	19.298 ug/ml
3) T A~Naphthalene (C11.7)	6.041	3126795	19.445 ug/ml
4) T n-Dodecane (C12)	6.470	2961889	19.315 ug/ml
5) T A~2-methylnaphthalene...	7.100	3051870	19.566 ug/ml
6) T n-Tetradecane (C14)	8.267	3046981	19.386 ug/ml
7) T n-Hexadecane (C16)	9.870	3224827	19.454 ug/ml
8) T n-Octadecane (C18)	11.314	3295518	19.552 ug/ml
10) T n-Eicosane (C20)	12.624	3134125	19.592 ug/ml
11) T n-Heneicosane (C21)	13.238	3051709	19.684 ug/ml
13) T n-Docosane (C22)	13.824	3009556	19.442 ug/ml
14) T n-Tetracosane (C24)	14.929	2910949	18.677 ug/ml
15) T n-Hexacosane (C26)	15.951	2733359	18.363 ug/ml
16) T n-Octacosane (C28)	16.902	2597024	17.868 ug/ml
17) T n-Tricontane (C30)	17.791	2587539	17.443 ug/ml
18) T n-Dotriacontane (C32)	18.624	2476992	17.022 ug/ml
19) T n-Tetratriacontane (C34)	19.409	2232676	17.350 ug/ml
20) T n-Hexatriacontane (C36)	20.149	1963347	18.216 ug/mlm
21) T n-Octatriacontane (C38)	20.906	1766617	18.531 ug/ml
22) T n-Tetracontane (C40)	21.855	1671799	18.856 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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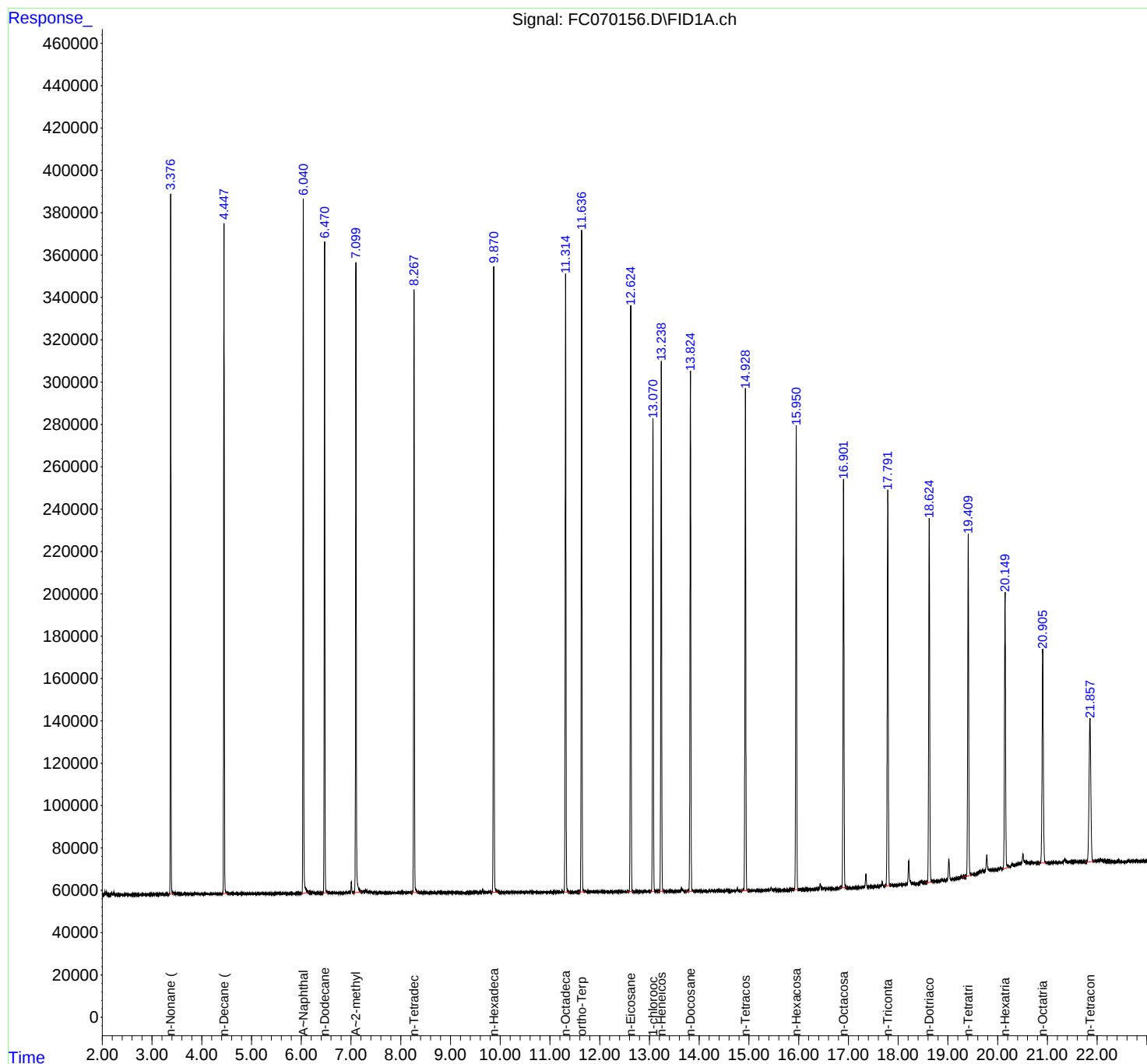
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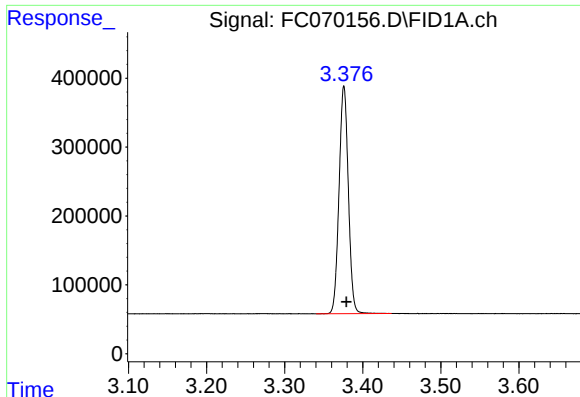
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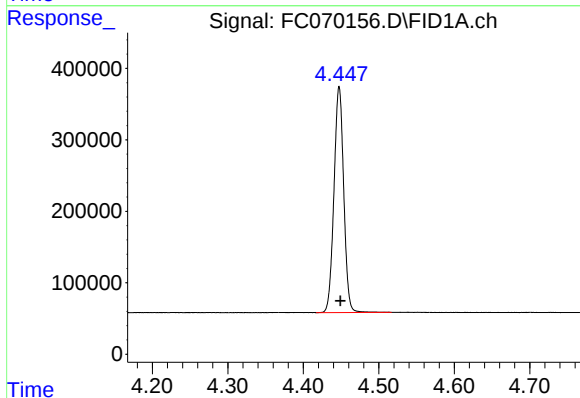
#1 n-Nonane (C9)

R.T.: 3.376 min
Delta R.T.: -0.003 min
Response: 2725671
Conc: 19.22 ug/ml

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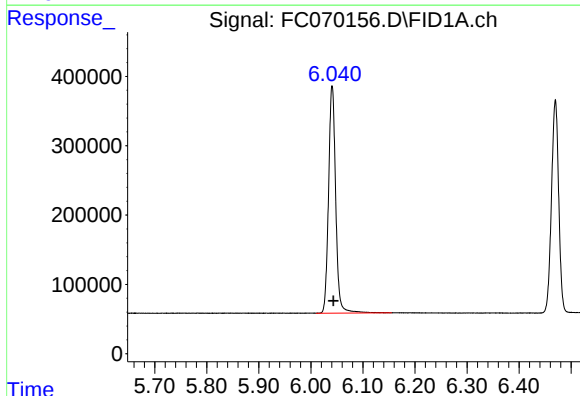
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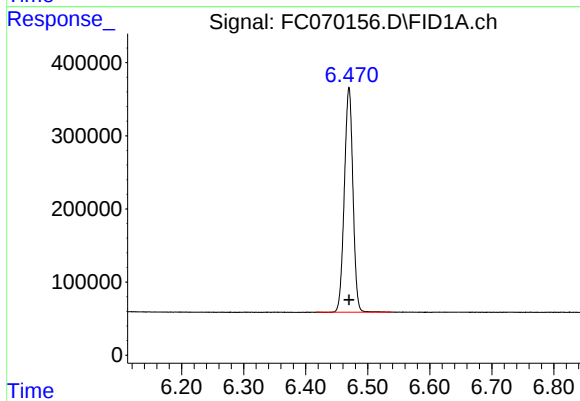
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.001 min
Response: 2833594
Conc: 19.30 ug/ml



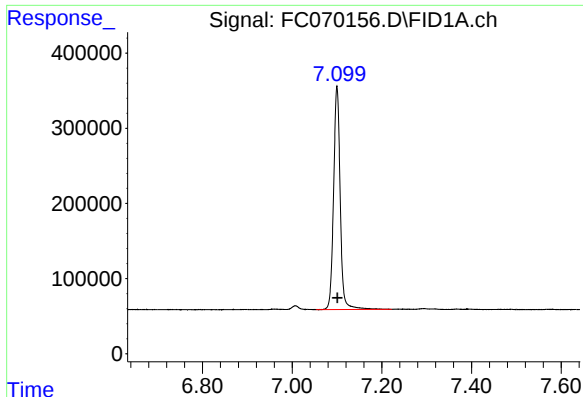
#3 A~Naphthalene (C11.7)

R.T.: 6.041 min
Delta R.T.: -0.002 min
Response: 3126795
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 2961889
Conc: 19.32 ug/ml



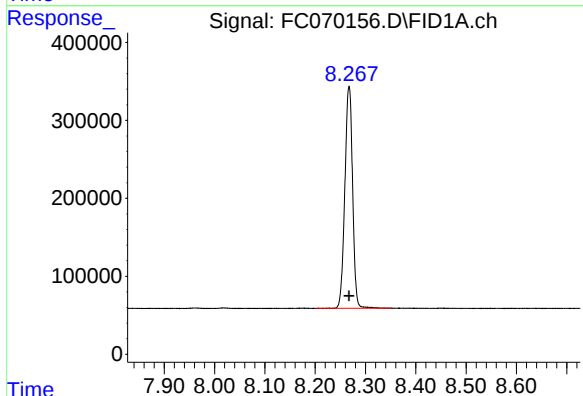
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.100 min
Delta R.T.: -0.001 min
Response: 3051870
Conc: 19.57 ug/ml

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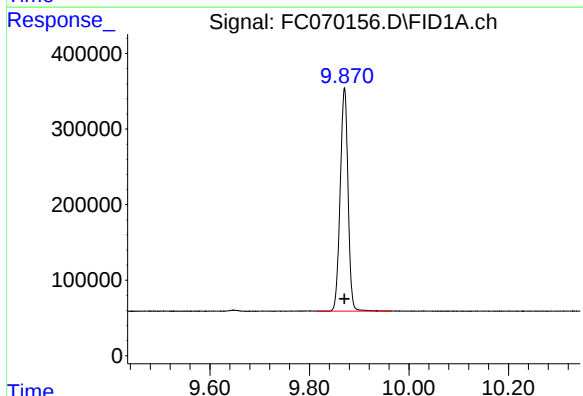
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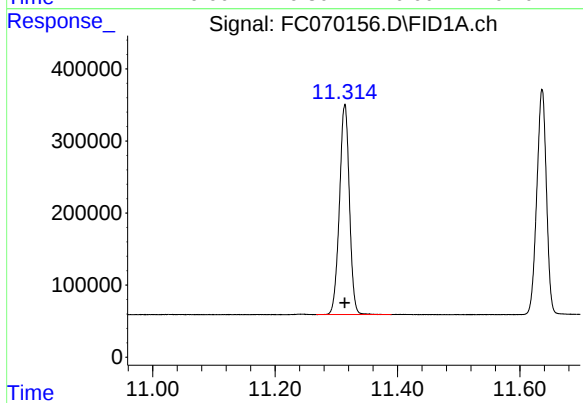
#6 n-Tetradecane (C14)

R.T.: 8.267 min
Delta R.T.: 0.000 min
Response: 3046981
Conc: 19.39 ug/ml



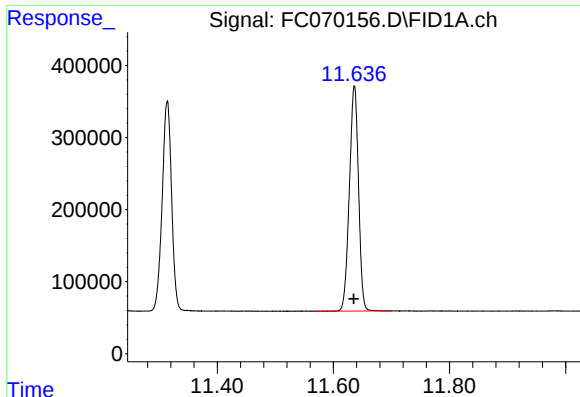
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: 0.000 min
Response: 3224827
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 3295518
Conc: 19.55 ug/ml



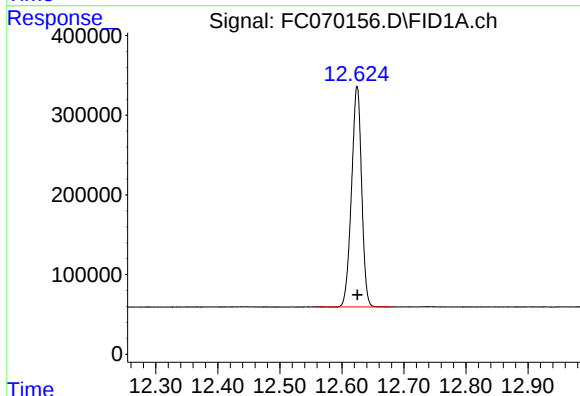
#9 ortho-Terphenyl (SURR)

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 3415274
Conc: 19.46 ug/ml

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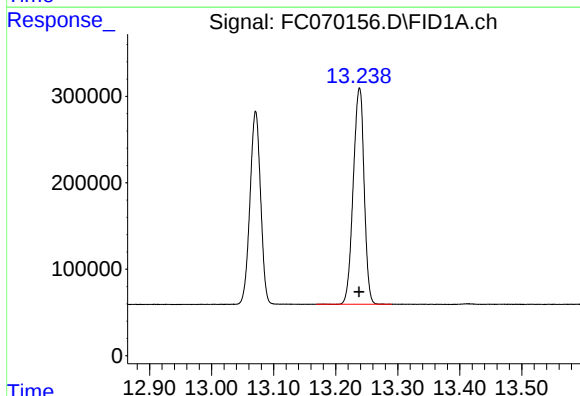
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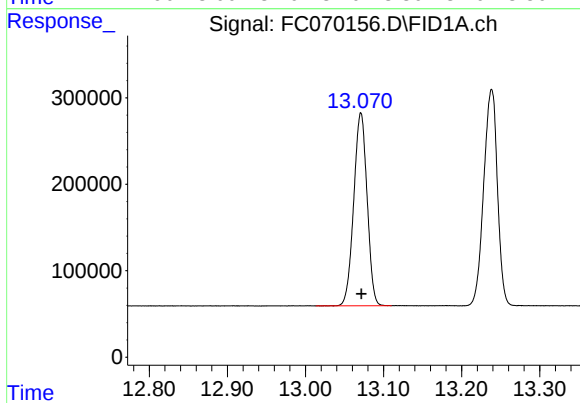
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: 0.000 min
Response: 3134125
Conc: 19.59 ug/ml



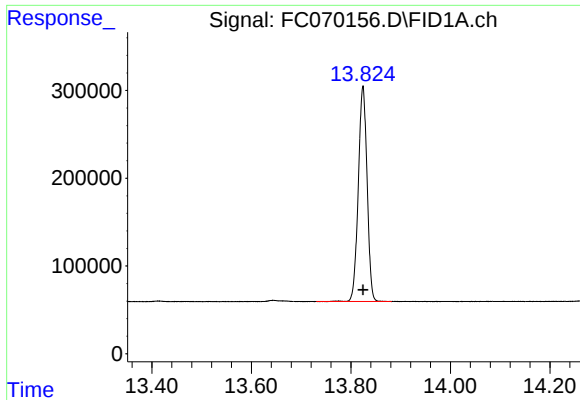
#11 n-Heneicosane (C21)

R.T.: 13.238 min
Delta R.T.: 0.000 min
Response: 3051709
Conc: 19.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 2646170
Conc: 19.79 ug/ml



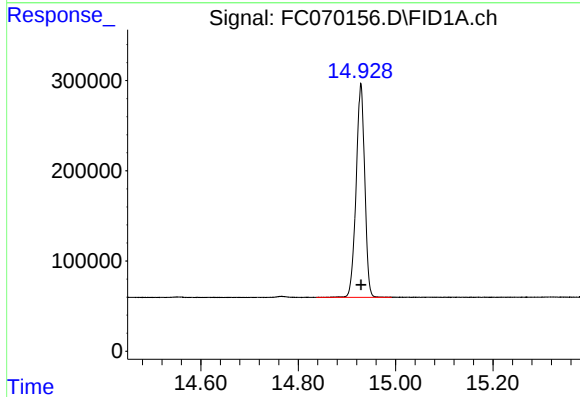
#13 n-Docosane (C22)

R.T.: 13.824 min
Delta R.T.: 0.000 min
Response: 3009556
Conc: 19.44 ug/ml

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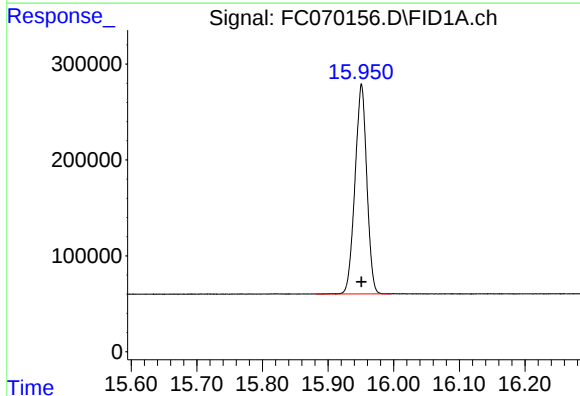
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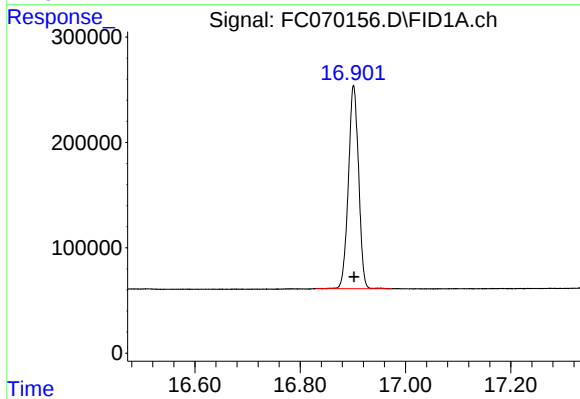
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: 0.000 min
Response: 2910949
Conc: 18.68 ug/ml



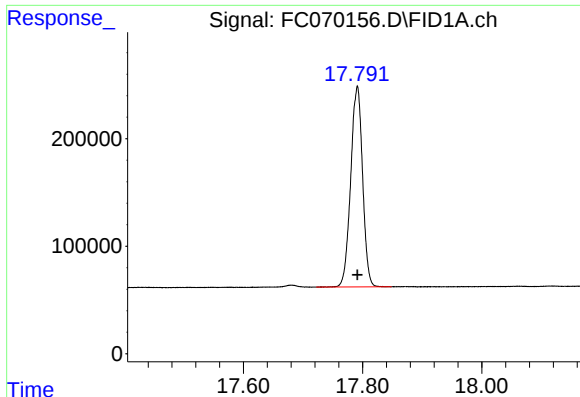
#15 n-Hexacosane (C26)

R.T.: 15.951 min
Delta R.T.: 0.000 min
Response: 2733359
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: 0.000 min
Response: 2597024
Conc: 17.87 ug/ml



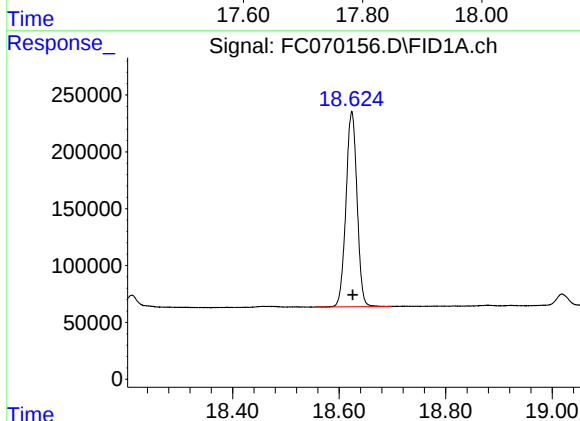
#17 n-Tricontane (C30)

R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 2587539
Conc: 17.44 ug/ml

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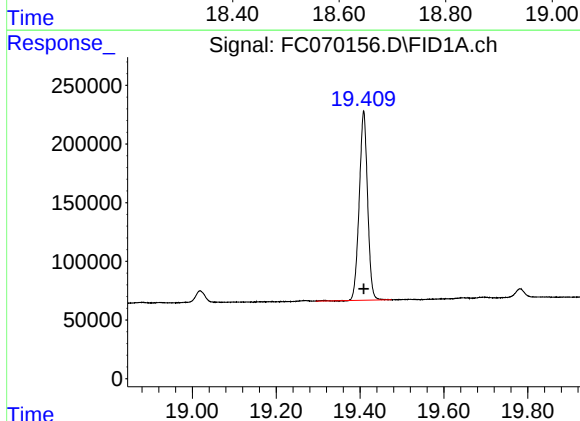
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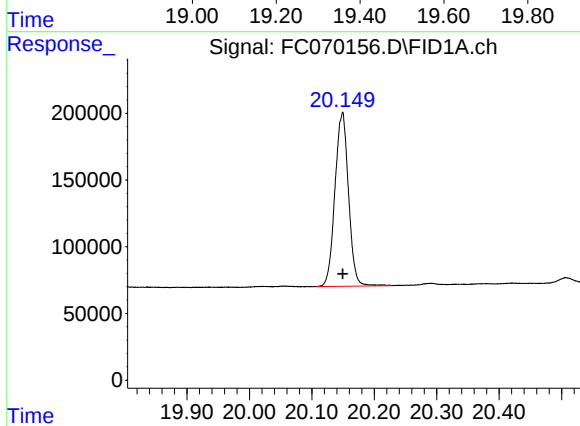
#18 n-Dotriacontane (C32)

R.T.: 18.624 min
Delta R.T.: -0.002 min
Response: 2476992
Conc: 17.02 ug/ml



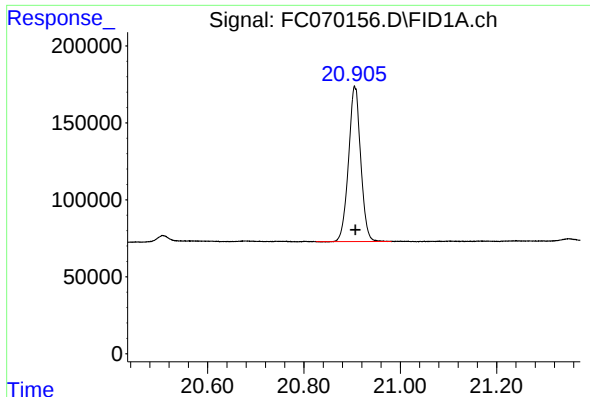
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.000 min
Response: 2232676
Conc: 17.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.149 min
Delta R.T.: 0.000 min
Response: 1963347
Conc: 18.22 ug/ml m



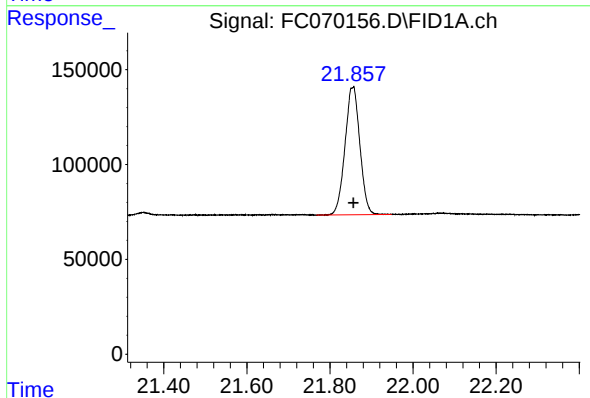
#21 n-Octatriacontane (C38)

R.T.: 20.906 min
Delta R.T.: 0.000 min
Response: 1766617
Conc: 18.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.855 min
Delta R.T.: -0.001 min
Response: 1671799
Conc: 18.86 ug/ml