

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102925AL\
 Data File : FC070079.D
 Signal(s) : FID1A.ch
 Acq On : 29 Oct 2025 18:19
 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 06:59:56 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)	11.643	3286790	18.717 ug/ml
Spiked Amount 50.000		Recovery =	37.43%
12) S 1-chlorooctadecane (S...	13.078	2601284	19.163 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
Target Compounds			
1) T n-Nonane (C9)	3.383	2398041	17.463 ug/ml
2) T n-Decane (C10)	4.453	2601169	18.094 ug/ml
3) T A~Naphthalene (C11.7)	6.047	2913623	18.028 ug/ml
4) T n-Dodecane (C12)	6.474	2821944	18.411 ug/ml
5) T A~2-methylnaphthalene...	7.105	2903333	18.197 ug/ml
6) T n-Tetradecane (C14)	8.272	2978631	18.728 ug/ml
7) T n-Hexadecane (C16)	9.876	3193981	18.953 ug/ml
8) T n-Octadecane (C18)	11.320	3273080	19.239 ug/ml
10) T n-Eicosane (C20)	12.631	3106113	19.361 ug/ml
11) T n-Heneicosane (C21)	13.243	3000123	19.322 ug/ml
13) T n-Docosane (C22)	13.831	2964098	19.260 ug/ml
14) T n-Tetracosane (C24)	14.935	2882840	19.012 ug/ml
15) T n-Hexacosane (C26)	15.957	2693051	18.606 ug/ml
16) T n-Octacosane (C28)	16.908	2579437	18.651 ug/ml
17) T n-Tricontane (C30)	17.797	2715064	19.886 ug/ml
18) T n-Dotriacontane (C32)	18.630	2691738	20.877 ug/ml
19) T n-Tetratriacontane (C34)	19.413	2399412	21.029 ug/mlm
20) T n-Hexatriacontane (C36)	20.155	1993418	20.612 ug/ml
21) T n-Octatriacontane (C38)	20.914	1868387	21.437 ug/ml
22) T n-Tetracontane (C40)	21.865	1656221	20.158 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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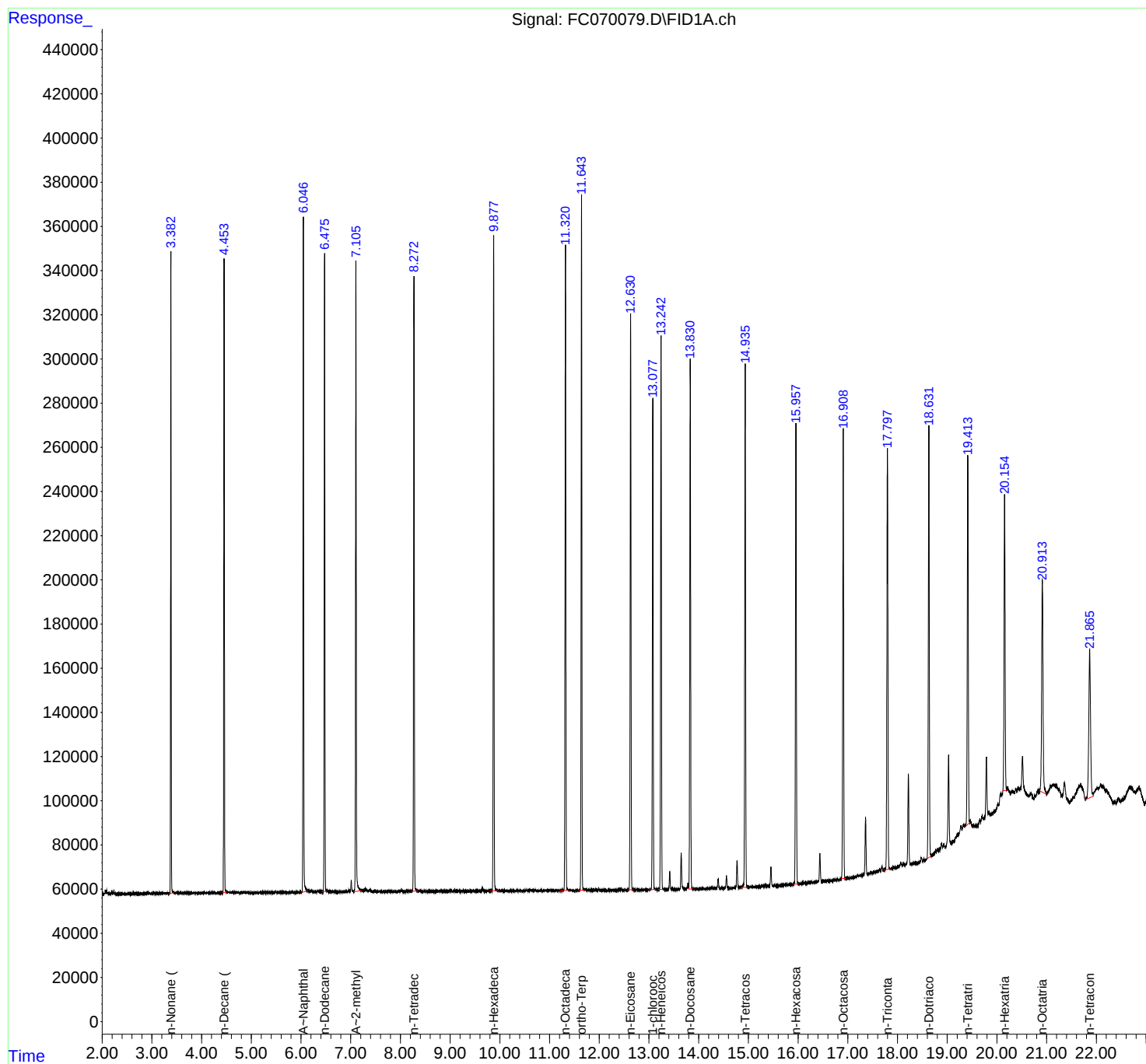
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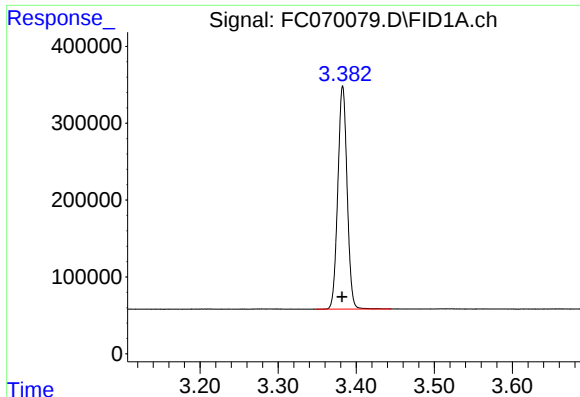
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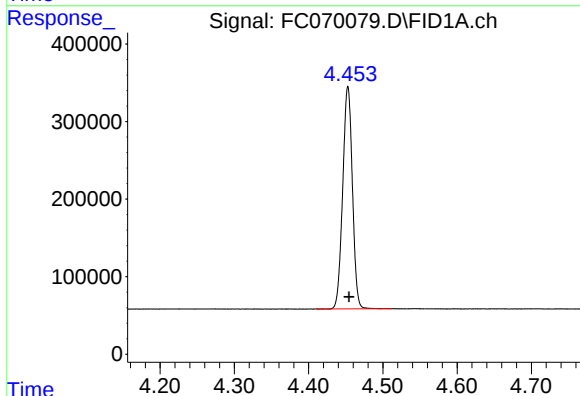
#1 n-Nonane (C9)

R.T.: 3.383 min
Delta R.T.: 0.000 min
Response: 2398041
Conc: 17.46 ug/ml

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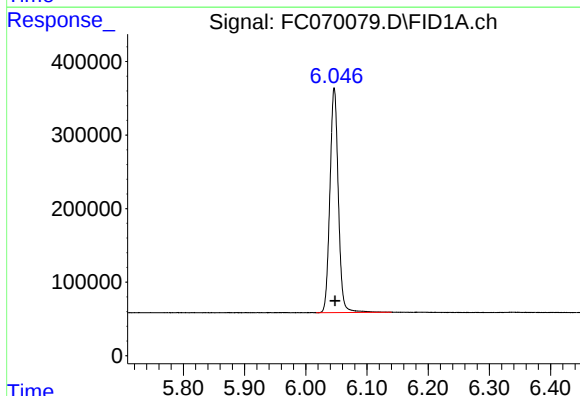
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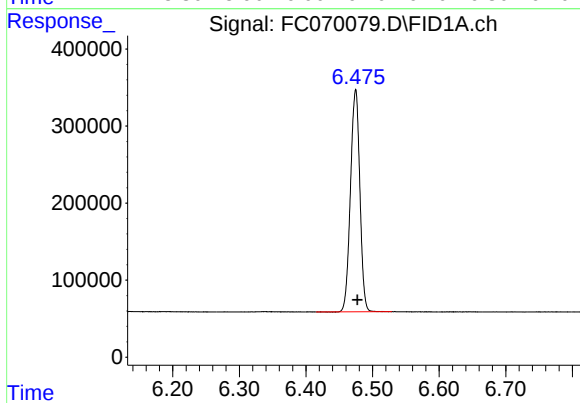
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.002 min
Response: 2601169
Conc: 18.09 ug/ml



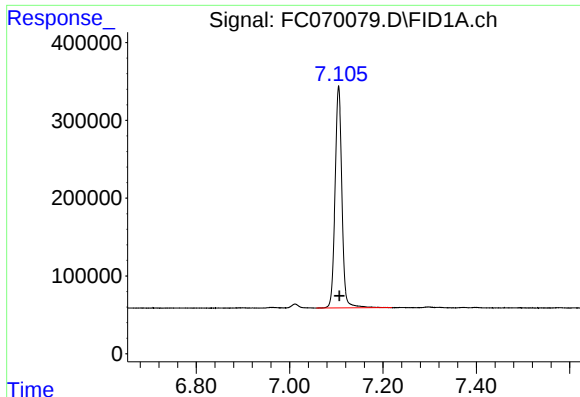
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 2913623
Conc: 18.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.474 min
Delta R.T.: -0.003 min
Response: 2821944
Conc: 18.41 ug/ml



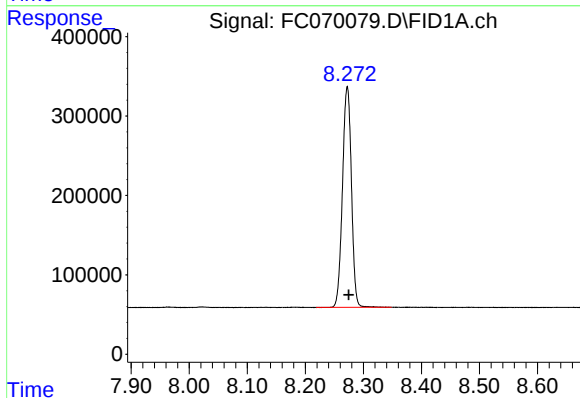
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.105 min
Delta R.T.: -0.001 min
Response: 2903333
Conc: 18.20 ug/ml

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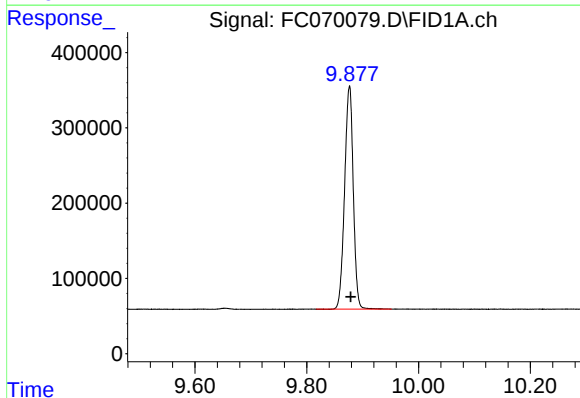
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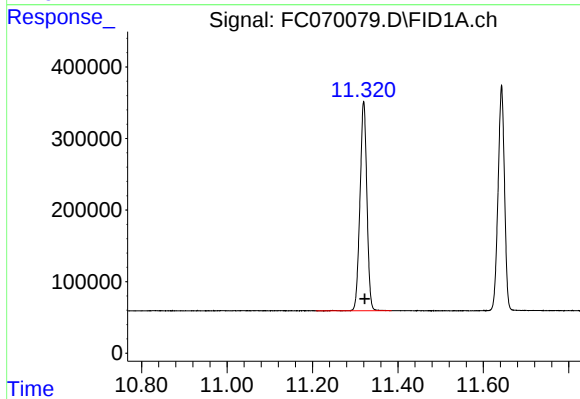
#6 n-Tetradecane (C14)

R.T.: 8.272 min
Delta R.T.: -0.003 min
Response: 2978631
Conc: 18.73 ug/ml



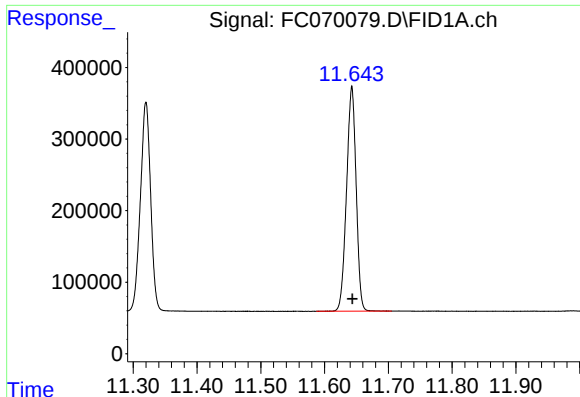
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.002 min
Response: 3193981
Conc: 18.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 3273080
Conc: 19.24 ug/ml



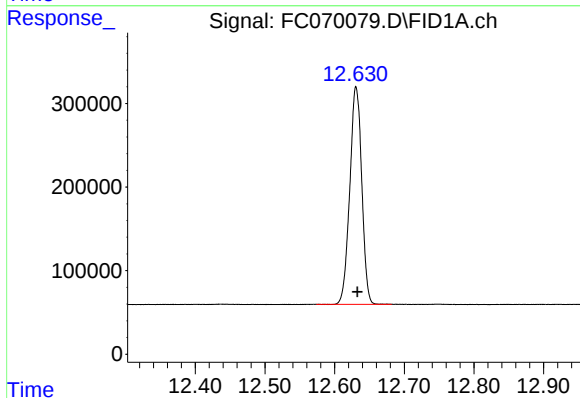
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: 0.000 min
Response: 3286790
Conc: 18.72 ug/ml

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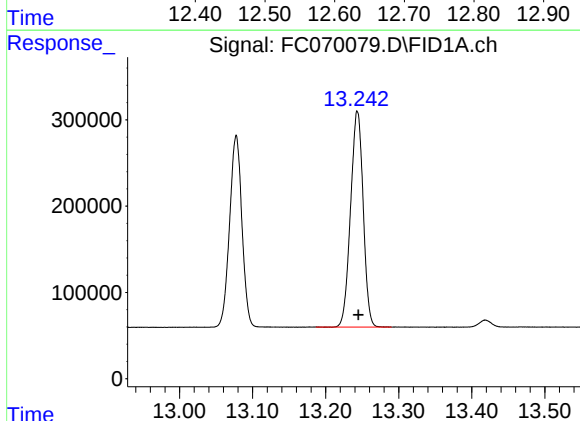
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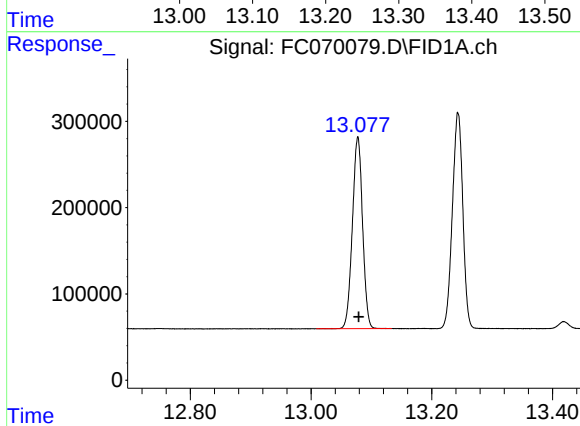
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.002 min
Response: 3106113
Conc: 19.36 ug/ml



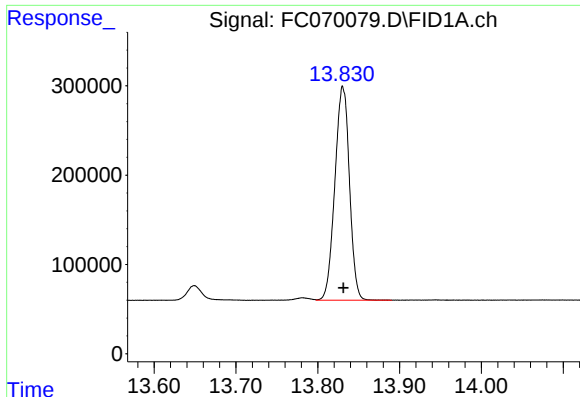
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.002 min
Response: 3000123
Conc: 19.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.078 min
Delta R.T.: -0.002 min
Response: 2601284
Conc: 19.16 ug/ml



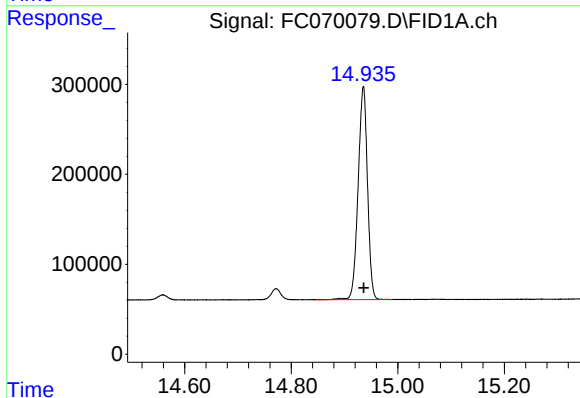
#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 2964098
Conc: 19.26 ug/ml

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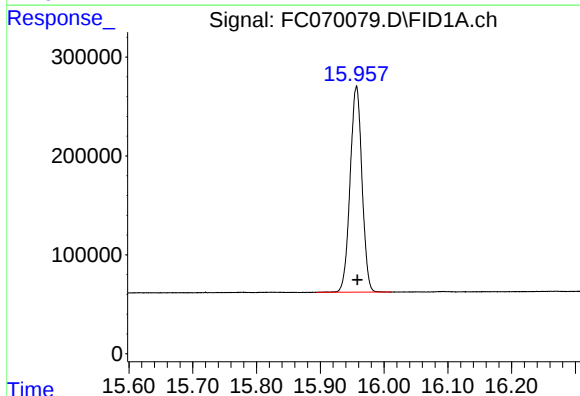
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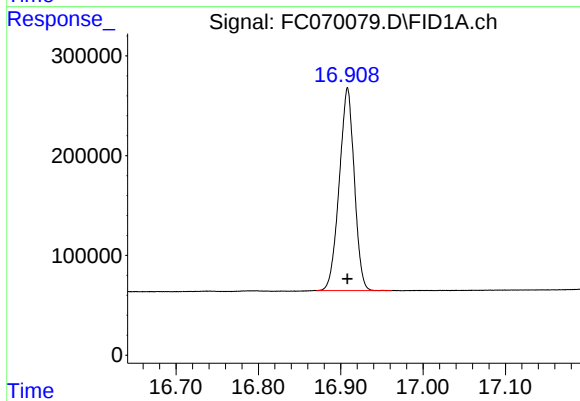
#14 n-Tetracosane (C24)

R.T.: 14.935 min
Delta R.T.: 0.000 min
Response: 2882840
Conc: 19.01 ug/ml



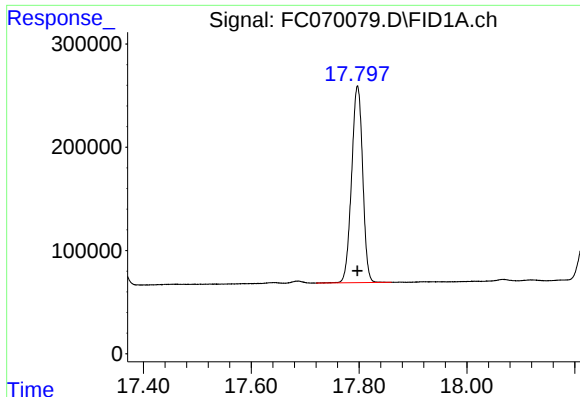
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.001 min
Response: 2693051
Conc: 18.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.908 min
Delta R.T.: 0.000 min
Response: 2579437
Conc: 18.65 ug/ml



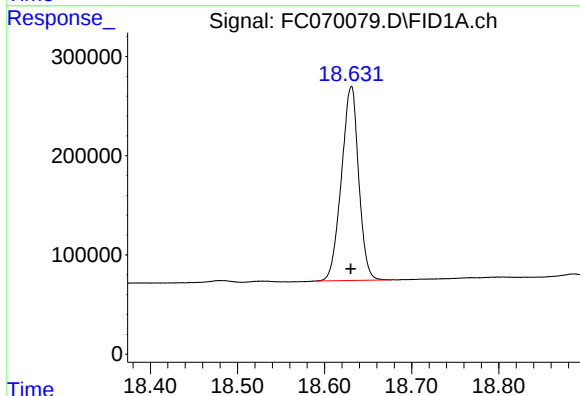
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2715064
Conc: 19.89 ug/ml

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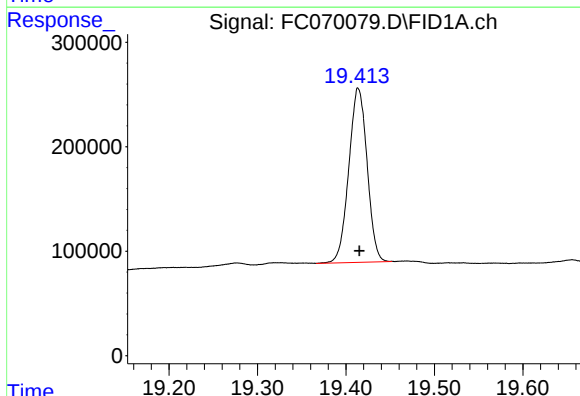
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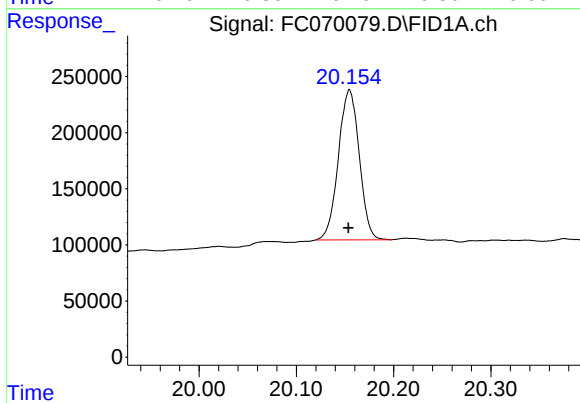
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.000 min
Response: 2691738
Conc: 20.88 ug/ml



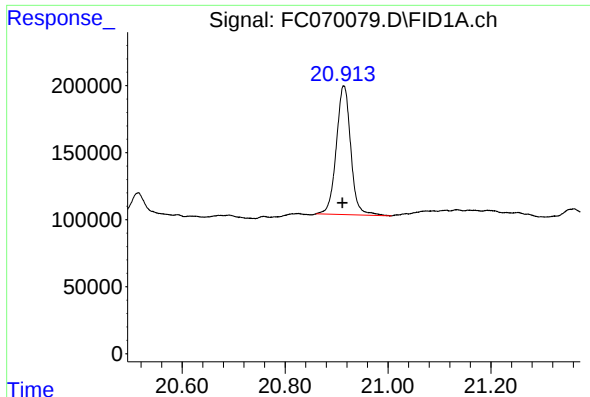
#19 n-Tetratriacontane (C34)

R.T.: 19.413 min
Delta R.T.: -0.002 min
Response: 2399412
Conc: 21.03 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: 0.001 min
Response: 1993418
Conc: 20.61 ug/ml



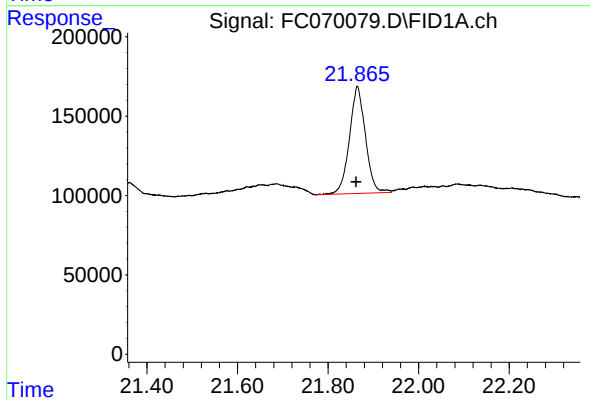
#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.003 min
Response: 1868387
Conc: 21.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: 0.003 min
Response: 1656221
Conc: 20.16 ug/ml