

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102725AL\
 Data File : FC070052.D
 Signal(s) : FID1A.ch
 Acq On : 27 Oct 2025 17:39
 Operator : YP/AJ
 Sample : Q3451-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-12MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :mohammad ahmed 10/29/2025

Integration File: sample.E
 Quant Time: Oct 28 07:18:38 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)	11.644	5144063	29.294 ug/ml
Spiked Amount 50.000		Recovery =	58.59%
12) S 1-chlorooctadecane (S...	13.079	4248509	31.298 ug/ml
Spiked Amount 50.000		Recovery =	62.60%
Target Compounds			
1) T n-Nonane (C9)	3.380	2648471	19.287 ug/ml
2) T n-Decane (C10)	4.453	3204481	22.290 ug/ml
3) T A~Naphthalene (C11.7)	6.047	4405222	27.257 ug/ml
4) T n-Dodecane (C12)	6.475	3988116	26.019 ug/ml
5) T A~2-methylnaphthalene...	7.106	4391555	27.525 ug/ml
6) T n-Tetradecane (C14)	8.275	4570511	28.737 ug/ml
7) T n-Hexadecane (C16)	9.876	4924828	29.224 ug/ml
8) T n-Octadecane (C18)	11.321	5002247	29.403 ug/ml
10) T n-Eicosane (C20)	12.633	4948807	30.846 ug/ml
11) T n-Heneicosane (C21)	13.245	4834376	31.135 ug/ml
13) T n-Docosane (C22)	13.831	4714013	30.631 ug/ml
14) T n-Tetracosane (C24)	14.932	9065792	59.789 ug/ml
15) T n-Hexacosane (C26)	15.959	4306813	29.756 ug/ml
16) T n-Octacosane (C28)	16.909	4097785	29.629 ug/ml
17) T n-Tricontane (C30)	17.799	3906054	28.609 ug/ml
18) T n-Dotriacontane (C32)	18.631	3728634	28.919 ug/ml
19) T n-Tetratriacontane (C34)	19.415	3660088	32.078 ug/mlm
20) T n-Hexatriacontane (C36)	20.156	3335448	34.489 ug/ml
21) T n-Octatriacontane (C38)	20.914	3234175	37.107 ug/ml
22) T n-Tetracontane (C40)	21.866	3152282	38.366 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

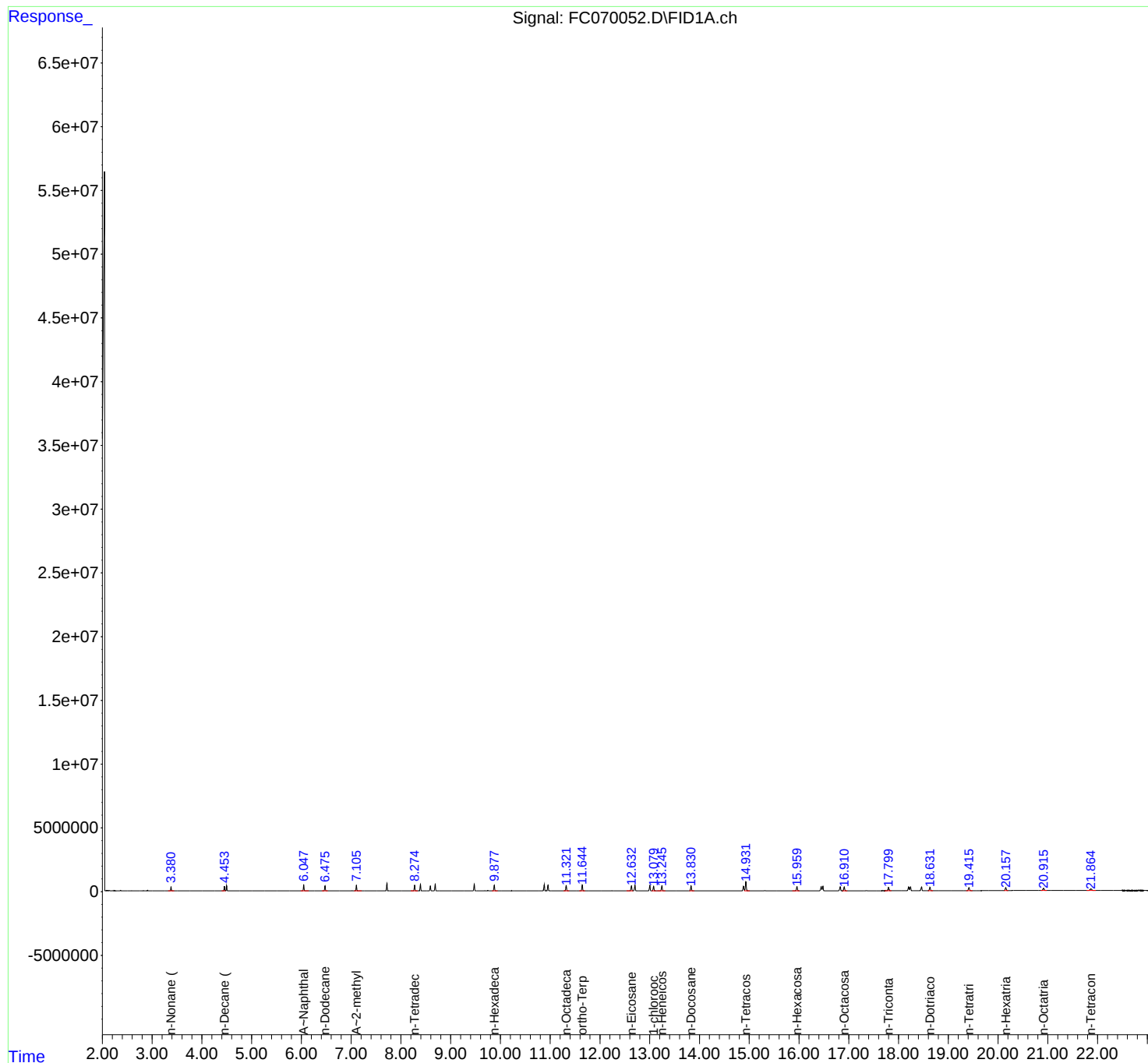
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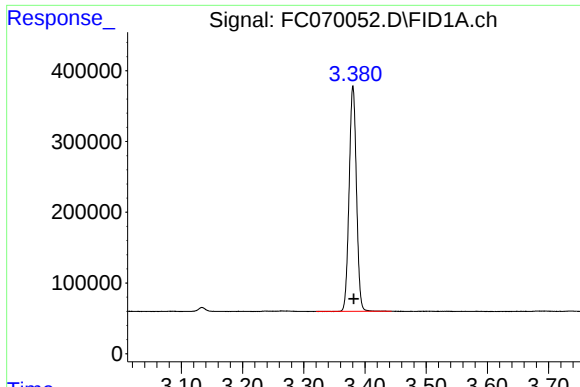
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#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.002 min
Response: 2648471
Conc: 19.29 ug/ml

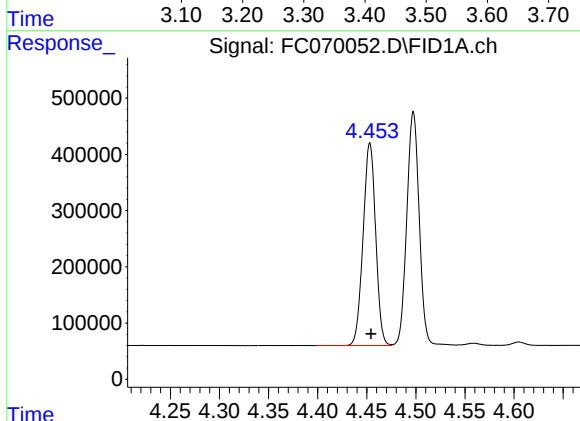
Instrument :

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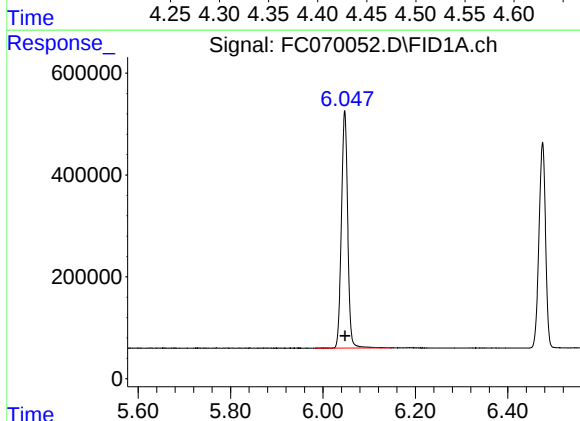
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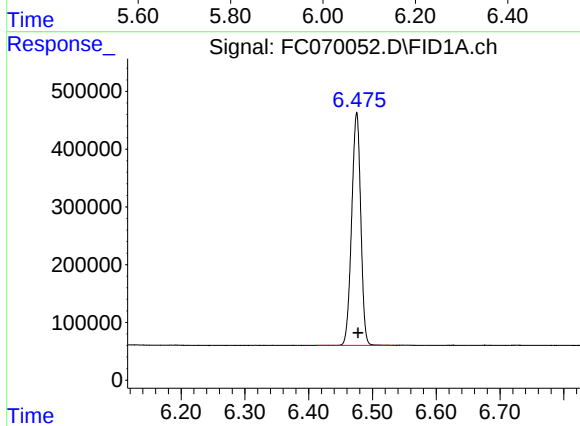
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.001 min
Response: 3204481
Conc: 22.29 ug/ml



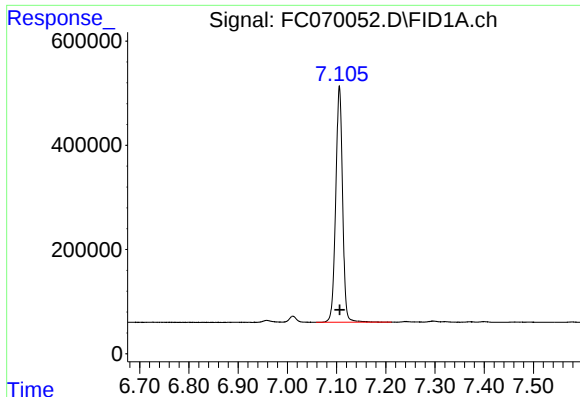
#3 A~Naphthalene (C11.7)

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 4405222
Conc: 27.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.002 min
Response: 3988116
Conc: 26.02 ug/ml



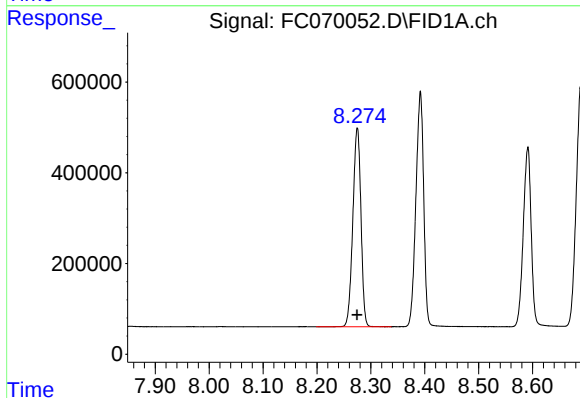
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 4391555
Conc: 27.52 ug/ml

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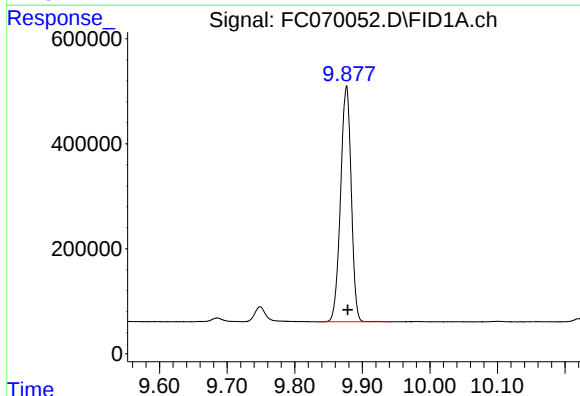
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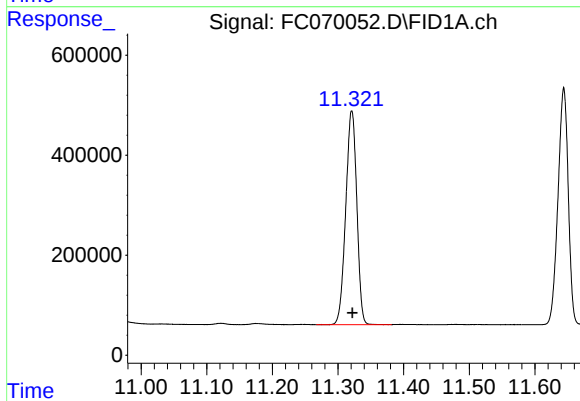
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: 0.000 min
Response: 4570511
Conc: 28.74 ug/ml



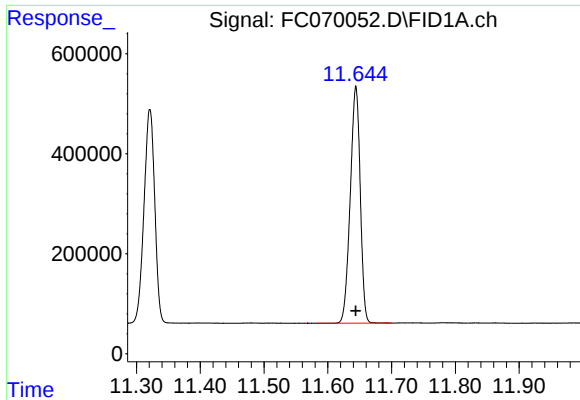
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.002 min
Response: 4924828
Conc: 29.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: 0.000 min
Response: 5002247
Conc: 29.40 ug/ml



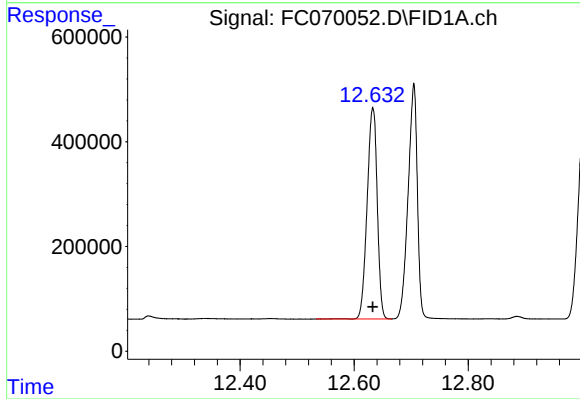
#9 ortho-Terphenyl (SURR)

R.T.: 11.644 min
Delta R.T.: 0.000 min
Response: 5144063
Conc: 29.29 ug/ml

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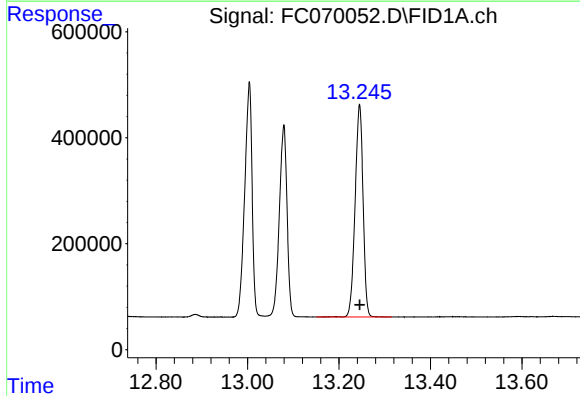
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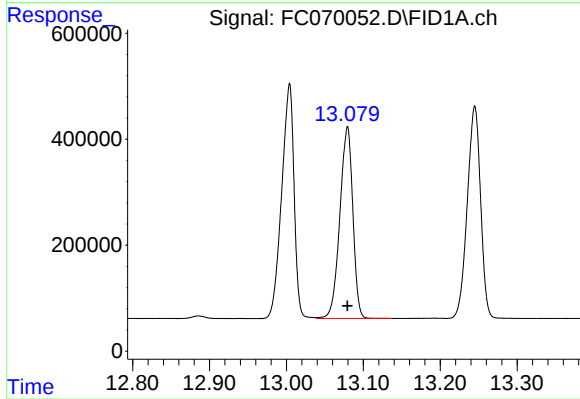
#10 n-Eicosane (C20)

R.T.: 12.633 min
Delta R.T.: 0.000 min
Response: 4948807
Conc: 30.85 ug/ml



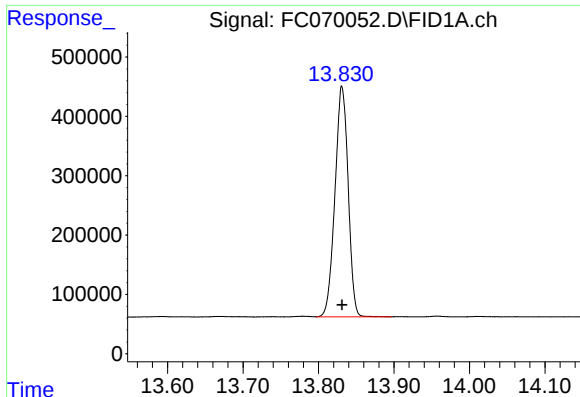
#11 n-Heneicosane (C21)

R.T.: 13.245 min
Delta R.T.: 0.000 min
Response: 4834376
Conc: 31.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.079 min
Delta R.T.: 0.000 min
Response: 4248509
Conc: 31.30 ug/ml



#13 n-Docosane (C22)

R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 4714013
Conc: 30.63 ug/ml

Instrument :

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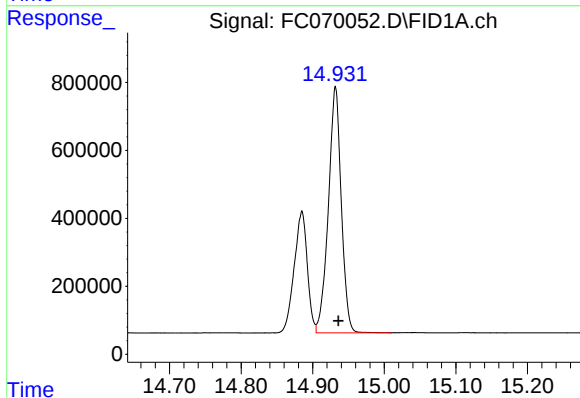
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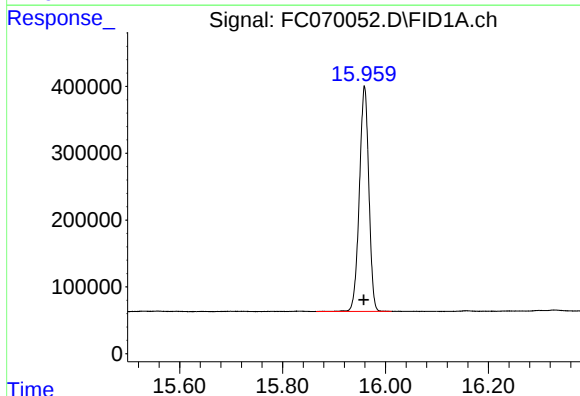
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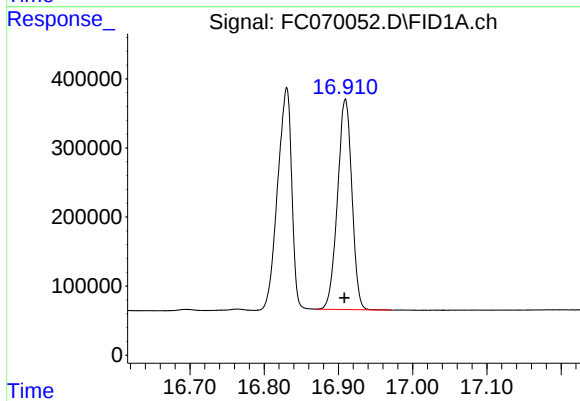
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.004 min
Response: 9065792
Conc: 59.79 ug/ml



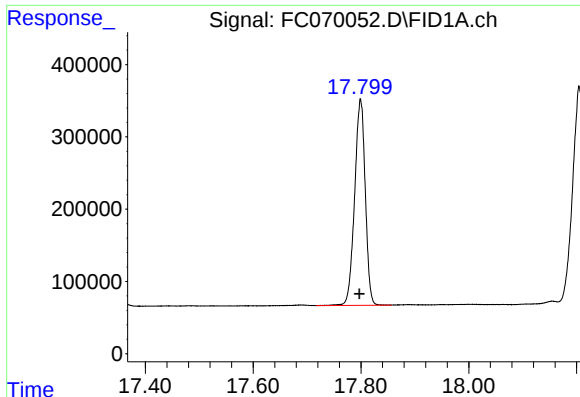
#15 n-Hexacosane (C26)

R.T.: 15.959 min
Delta R.T.: 0.001 min
Response: 4306813
Conc: 29.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.909 min
Delta R.T.: 0.001 min
Response: 4097785
Conc: 29.63 ug/ml



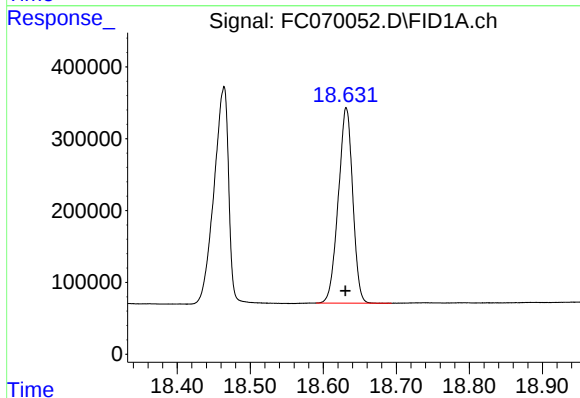
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: 0.002 min
Response: 3906054
Conc: 28.61 ug/ml

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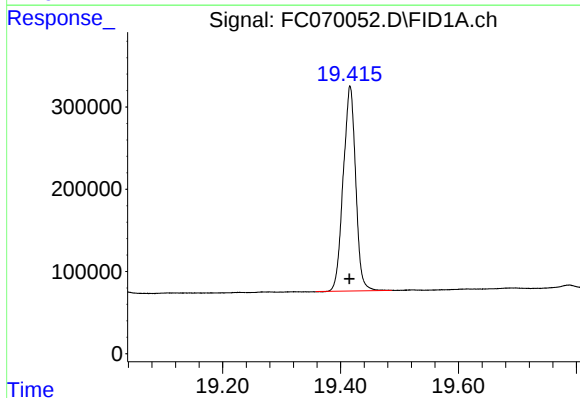
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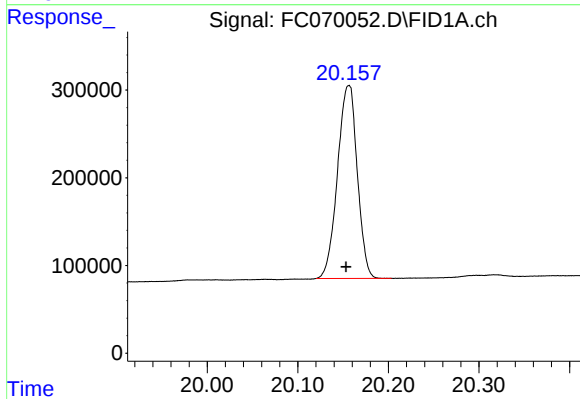
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.001 min
Response: 3728634
Conc: 28.92 ug/ml



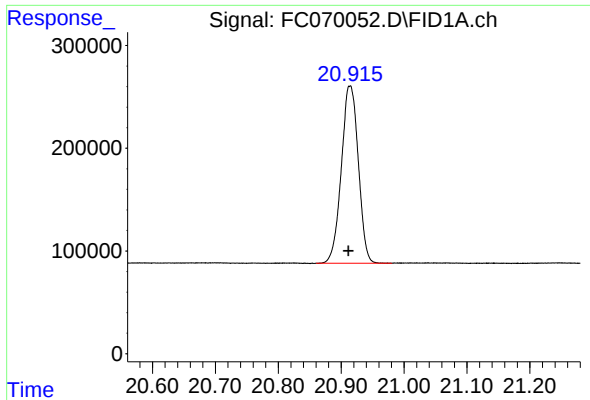
#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.000 min
Response: 3660088
Conc: 32.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: 0.003 min
Response: 3335448
Conc: 34.49 ug/ml



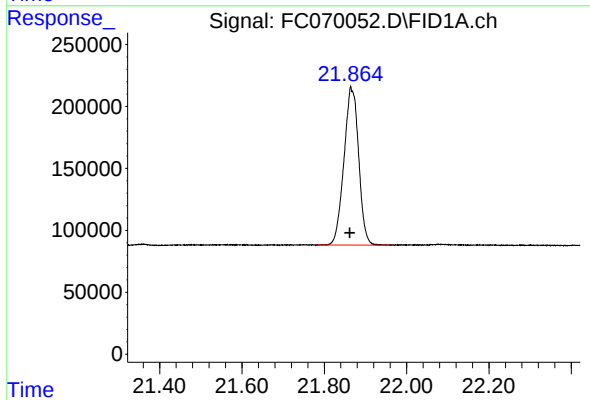
#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: 0.003 min
Response: 3234175
Conc: 37.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.866 min
Delta R.T.: 0.004 min
Response: 3152282
Conc: 38.37 ug/ml