

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051525AL\
 Data File : FC068894.D
 Signal(s) : FID1A.ch
 Acq On : 15 May 2025 20:34
 Operator : YP/AJ
 Sample : Q2047-01MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-04-051425MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/16/2025
 Supervised By :mohammad ahmed 05/19/2025

Integration File: autoint1.e
 Quant Time: May 16 08:02:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.710	3574053	31.313 ug/ml
Spiked Amount 50.000		Recovery =	62.63%
12) S 1-chlorooctadecane (S...	13.143	2824355	35.205 ug/ml
Spiked Amount 50.000		Recovery =	70.41%
Target Compounds			
1) T n-Nonane (C9)	3.440	2627295	26.121 ug/ml
2) T n-Decane (C10)	4.517	2908893	29.194 ug/ml
3) T A~Naphthalene (C11.7)	6.114	2940092	26.665 ug/ml
4) T n-Dodecane (C12)	6.542	3076179	31.655 ug/ml
5) T A~2-methylnaphthalene...	7.172	2824817	26.318 ug/ml
6) T n-Tetradecane (C14)	8.340	3291831	35.616 ug/ml
7) T n-Hexadecane (C16)	9.942	3545471	39.595 ug/ml
8) T n-Octadecane (C18)	11.386	3553661	40.512 ug/ml
10) T n-Eicosane (C20)	12.697	3677828	43.158 ug/ml
11) T n-Heneicosane (C21)	13.310	3523243	41.772 ug/ml
13) T n-Docosane (C22)	13.897	3515218	42.019 ug/ml
14) T n-Tetracosane (C24)	14.993	6511607	78.258 ug/ml
15) T n-Hexacosane (C26)	16.023	3472645	41.913 ug/ml
16) T n-Octacosane (C28)	16.975	3446077	41.697 ug/ml
17) T n-Tricontane (C30)	17.863	3524544	41.655 ug/ml
18) T n-Dotriacontane (C32)	18.698	3293585	38.237 ug/ml
19) T n-Tetratriacontane (C34)	19.480	2452407	28.784 ug/ml
20) T n-Hexatriacontane (C36)	20.220	1328591	15.458 ug/ml
21) T n-Octatriacontane (C38)	20.995	848463	10.115 ug/mlm
22) T n-Tetracontane (C40)	21.976	506403	6.179 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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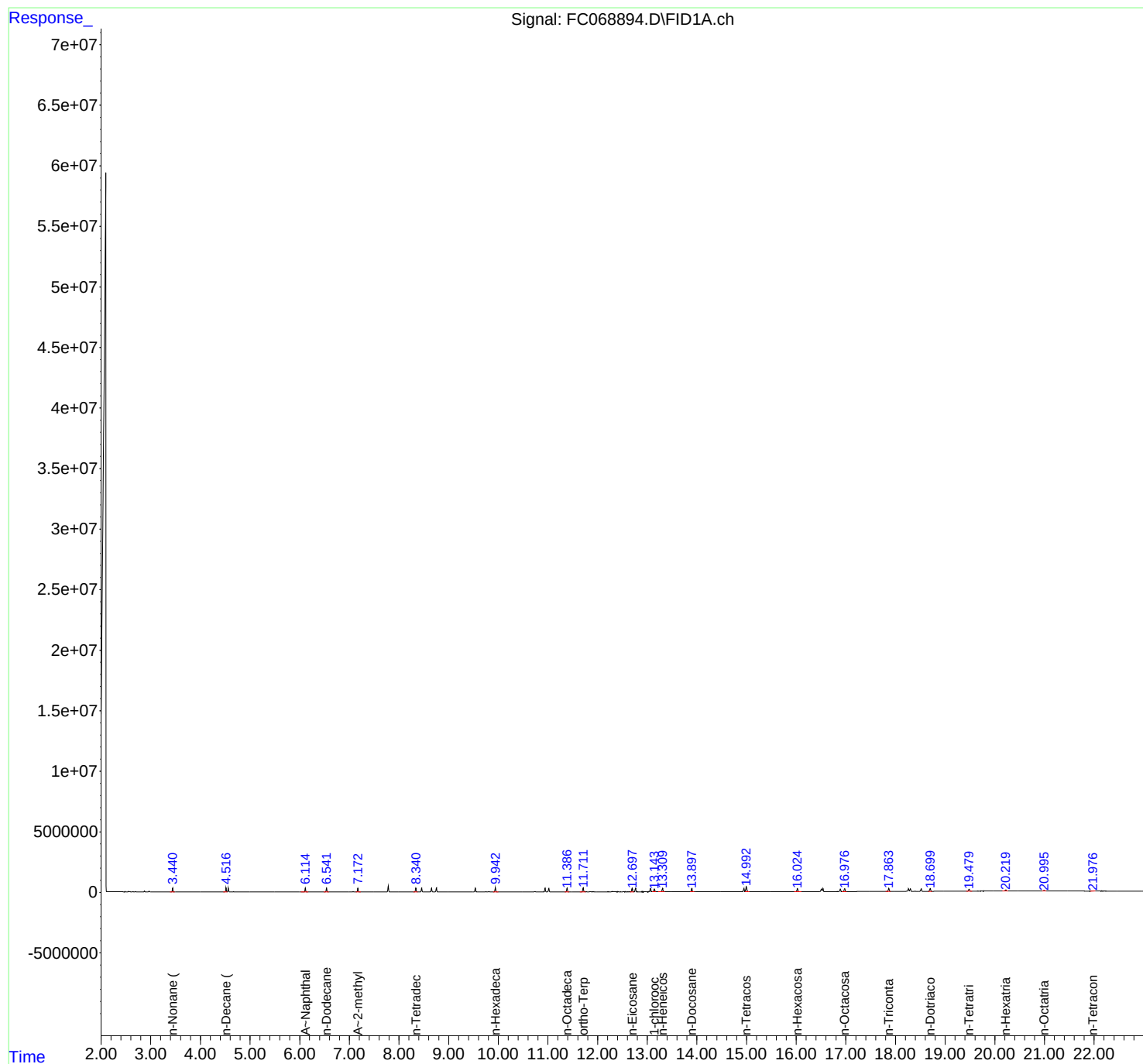
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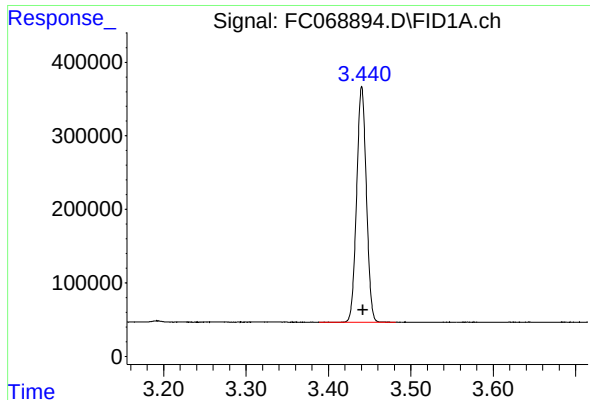
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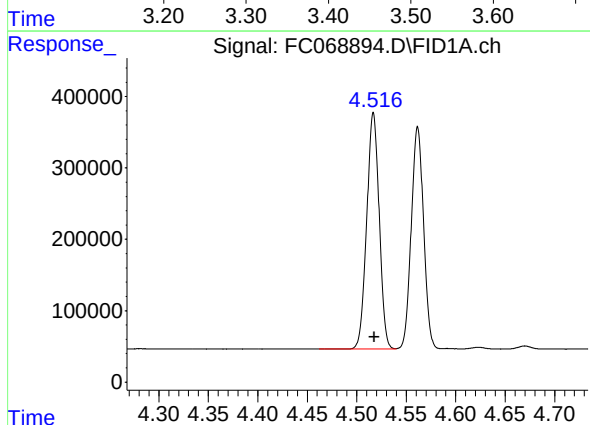
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 2627295
Conc: 26.12 ug/ml

Instrument :
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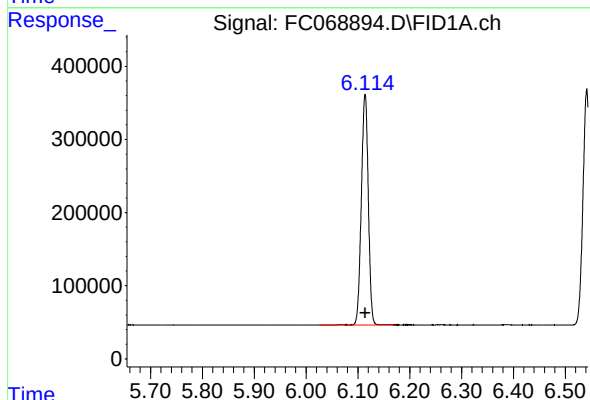
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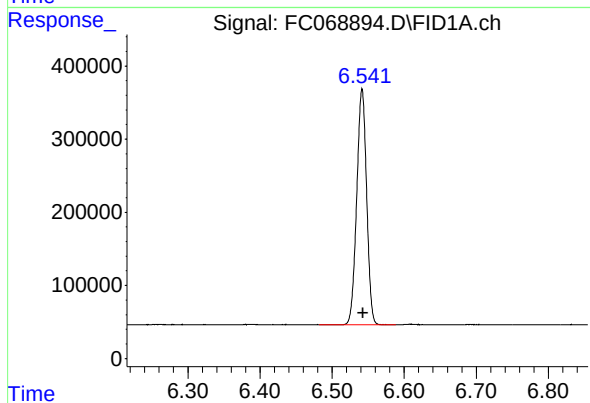
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2908893
Conc: 29.19 ug/ml



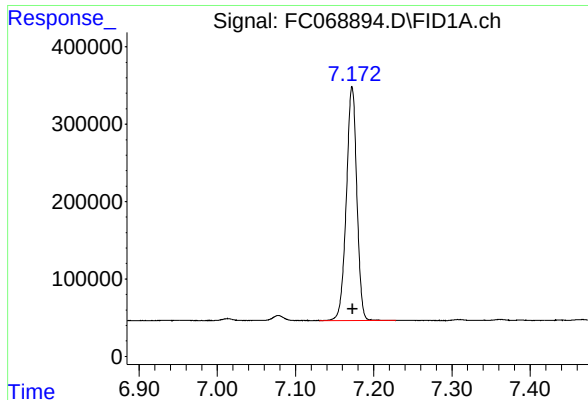
#3 A~Naphthalene (C11.7)

R.T.: 6.114 min
Delta R.T.: 0.000 min
Response: 2940092
Conc: 26.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 3076179
Conc: 31.66 ug/ml



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

R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 2824817
Conc: 26.32 ug/ml

Instrument :

FID_C

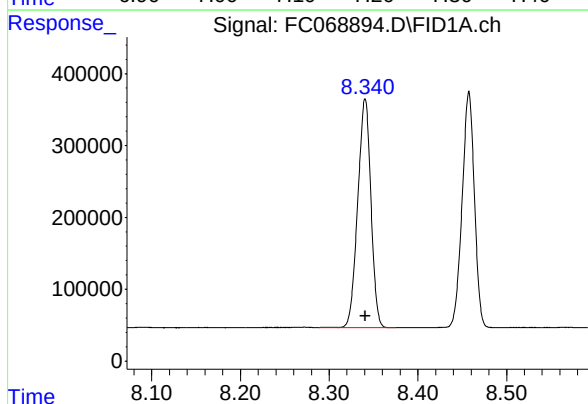
ClientSampleId :

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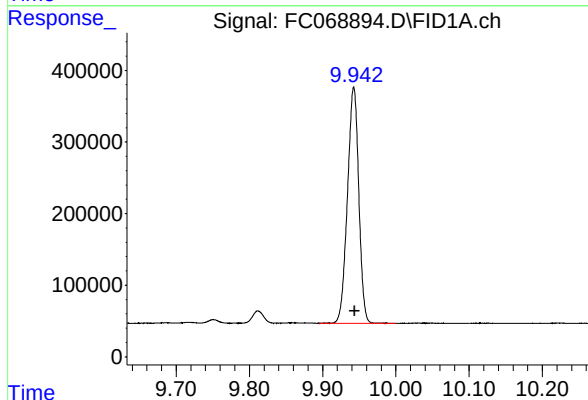
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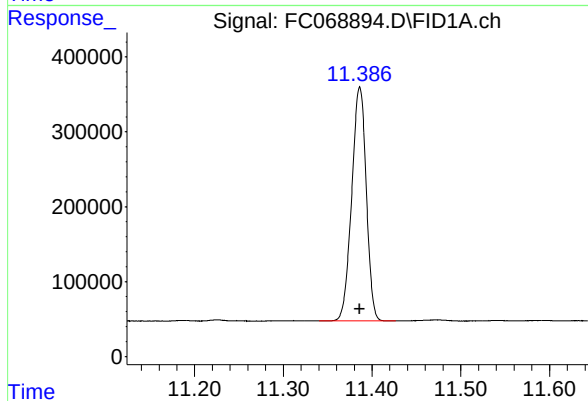
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 3291831
Conc: 35.62 ug/ml



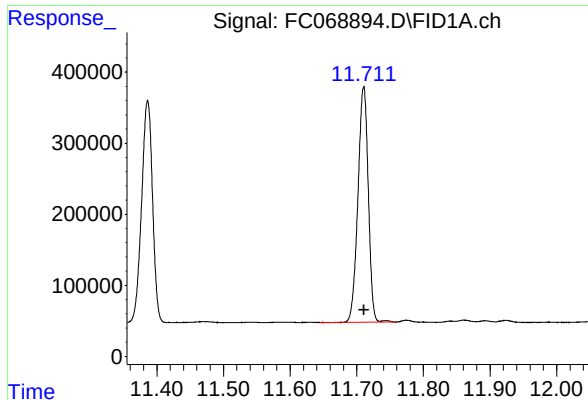
#7 n-Hexadecane (C16)

R.T.: 9.942 min
Delta R.T.: -0.001 min
Response: 3545471
Conc: 39.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.386 min
Delta R.T.: 0.000 min
Response: 3553661
Conc: 40.51 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.710 min
Delta R.T.: 0.000 min
Response: 3574053
Conc: 31.31 ug/ml

Instrument :

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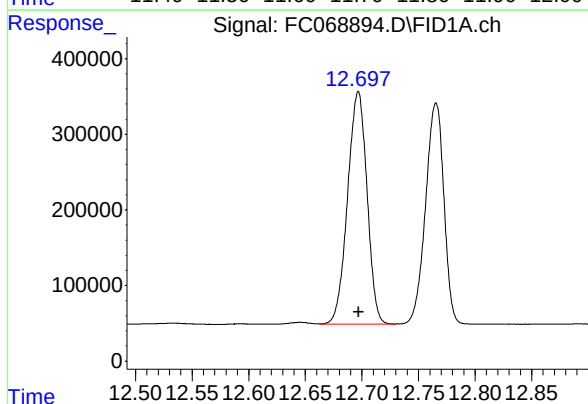
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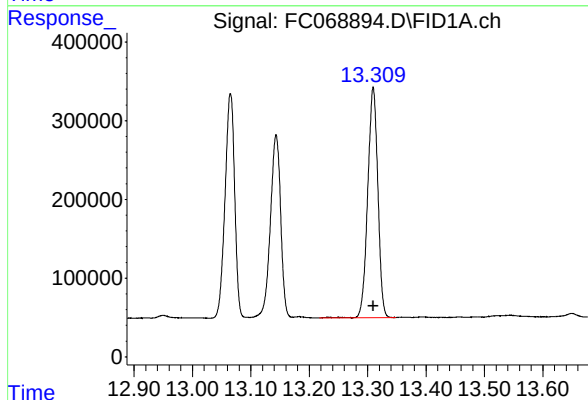
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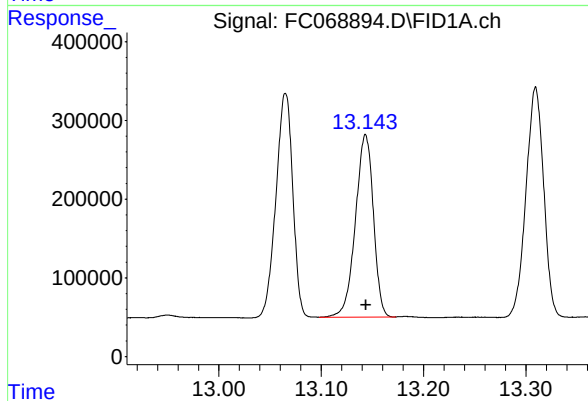
#10 n-Eicosane (C20)

R.T.: 12.697 min
Delta R.T.: 0.000 min
Response: 3677828
Conc: 43.16 ug/ml



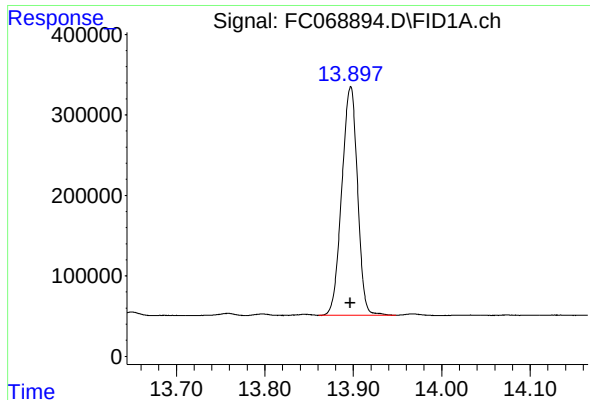
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 3523243
Conc: 41.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.143 min
Delta R.T.: 0.000 min
Response: 2824355
Conc: 35.20 ug/ml



#13 n-Docosane (C22)

R.T.: 13.897 min
Delta R.T.: 0.000 min
Response: 3515218
Conc: 42.02 ug/ml

Instrument :

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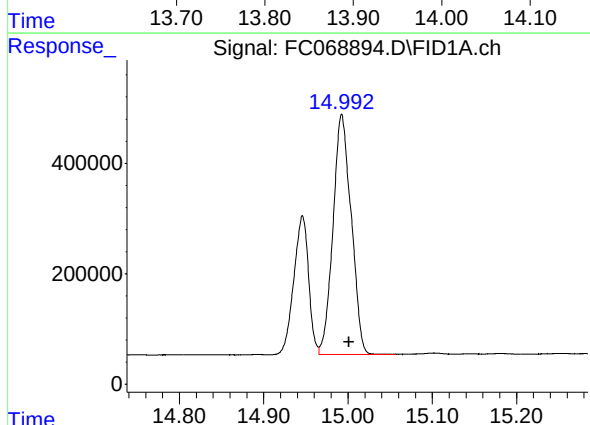
ClientSampleId :

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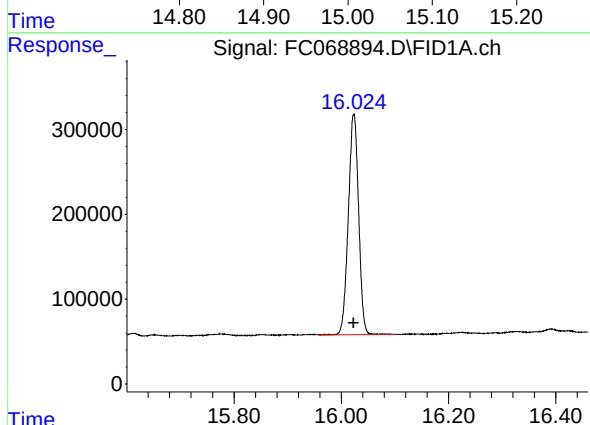
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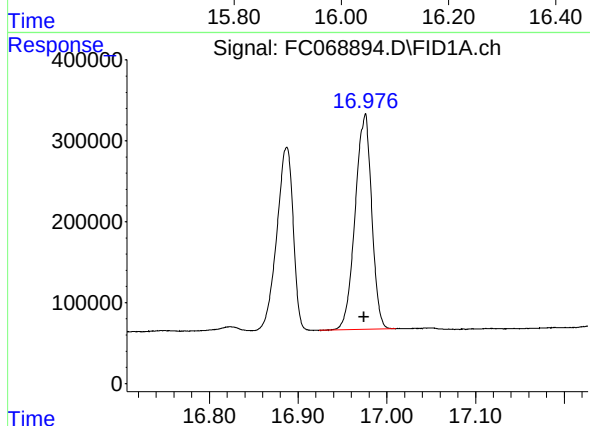
#14 n-Tetracosane (C24)

R.T.: 14.993 min
Delta R.T.: -0.008 min
Response: 6511607
Conc: 78.26 ug/ml



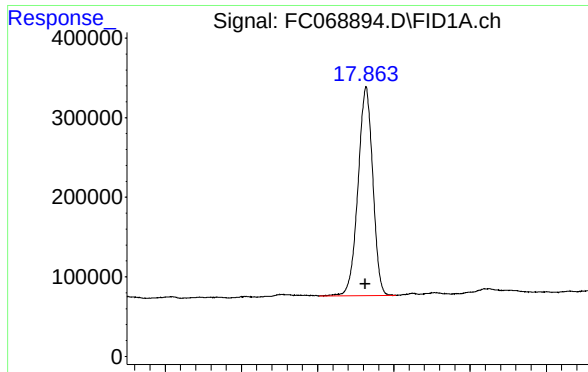
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3472645
Conc: 41.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 3446077
Conc: 41.70 ug/ml



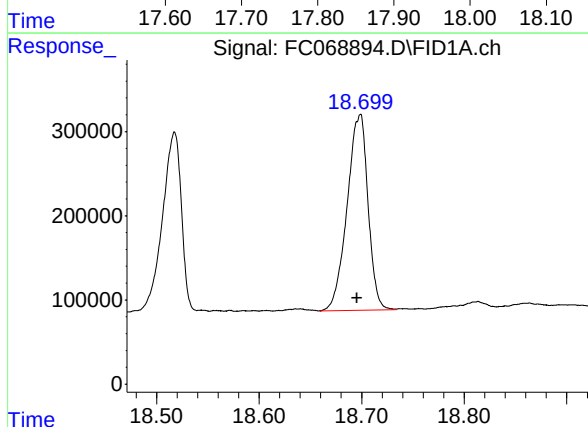
#17 n-Tricontane (C30)

R.T.: 17.863 min
Delta R.T.: 0.000 min
Response: 3524544
Conc: 41.66 ug/ml

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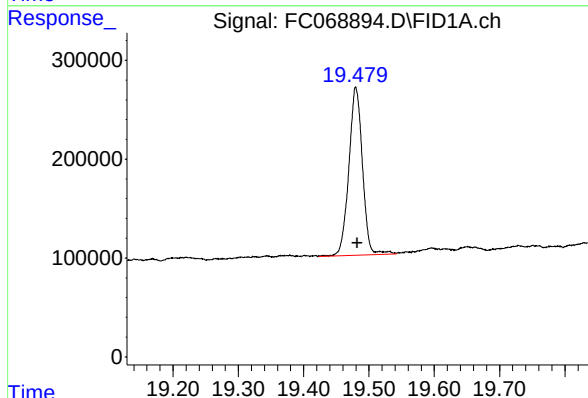
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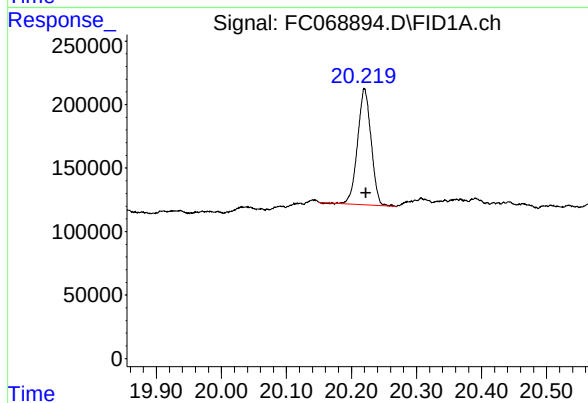
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.002 min
Response: 3293585
Conc: 38.24 ug/ml



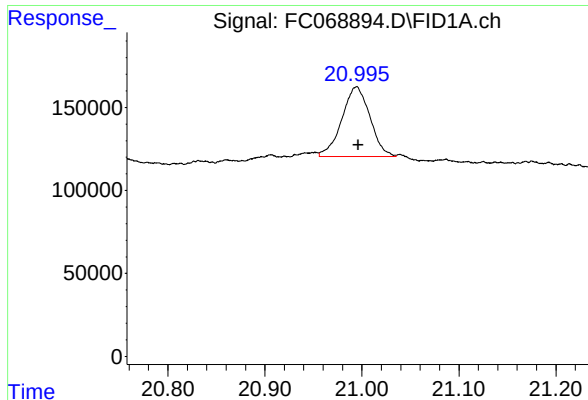
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.002 min
Response: 2452407
Conc: 28.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.220 min
Delta R.T.: -0.002 min
Response: 1328591
Conc: 15.46 ug/ml



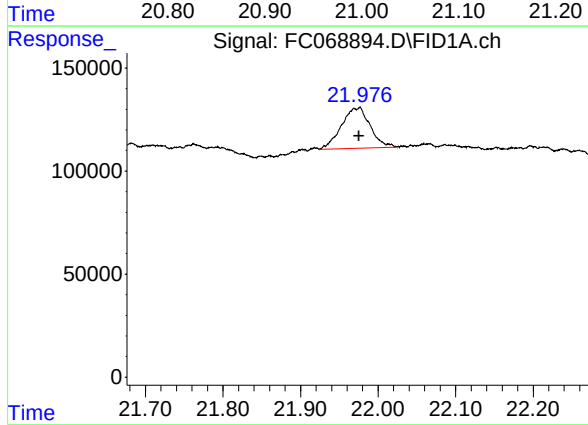
#21 n-Octatriacontane (C38)

R.T.: 20.995 min
Delta R.T.: -0.002 min
Response: 848463
Conc: 10.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.976 min
Delta R.T.: 0.000 min
Response: 506403
Conc: 6.18 ug/ml m