

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068966.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 19:23
 Operator : YP/AJ
 Sample : Q2097-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RBR251675MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/22/2025
 Supervised By :mohammad ahmed 05/23/2025

Integration File: autoint1.e
 Quant Time: May 22 07:45:55 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)	11.720	6966057	61.031 ug/ml
Spiked Amount 50.000		Recovery =	122.06%
12) S 1-chlorooctadecane (S...	13.152	4606625	57.421 ug/mlm
Spiked Amount 50.000		Recovery =	114.84%
Target Compounds			
1) T n-Nonane (C9)	3.441	2435055	24.210 ug/ml
2) T n-Decane (C10)	4.517	2789487	27.995 ug/ml
3) T A~Naphthalene (C11.7)	6.113	3363687	30.506 ug/ml
4) T n-Dodecane (C12)	6.541	3103194	31.933 ug/ml
5) T A~2-methylnaphthalene...	7.172	3296530	30.713 ug/ml
6) T n-Tetradecane (C14)	8.341	3641828	39.403 ug/ml
7) T n-Hexadecane (C16)	9.947	4549946	50.812 ug/ml
8) T n-Octadecane (C18)	11.396	3985902	45.440 ug/ml
10) T n-Eicosane (C20)	12.707	5731190	67.253 ug/ml
11) T n-Heneicosane (C21)	13.317	4702574	55.754 ug/ml
13) T n-Docosane (C22)	13.902	4392086	52.500 ug/ml
14) T n-Tetracosane (C24)	14.997	7326853	88.056 ug/ml
15) T n-Hexacosane (C26)	16.023	3544214	42.777 ug/ml
16) T n-Octacosane (C28)	16.970	3435462	41.569 ug/ml
17) T n-Tricontane (C30)	17.859	3411393	40.318 ug/ml
18) T n-Dotriacontane (C32)	18.691	3432932	39.855 ug/ml
19) T n-Tetratriacontane (C34)	19.477	3540838	41.559 ug/ml
20) T n-Hexatriacontane (C36)	20.216	3521285	40.970 ug/ml
21) T n-Octatriacontane (C38)	20.989	3592086	42.822 ug/ml
22) T n-Tetracontane (C40)	21.962	3531499	43.090 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

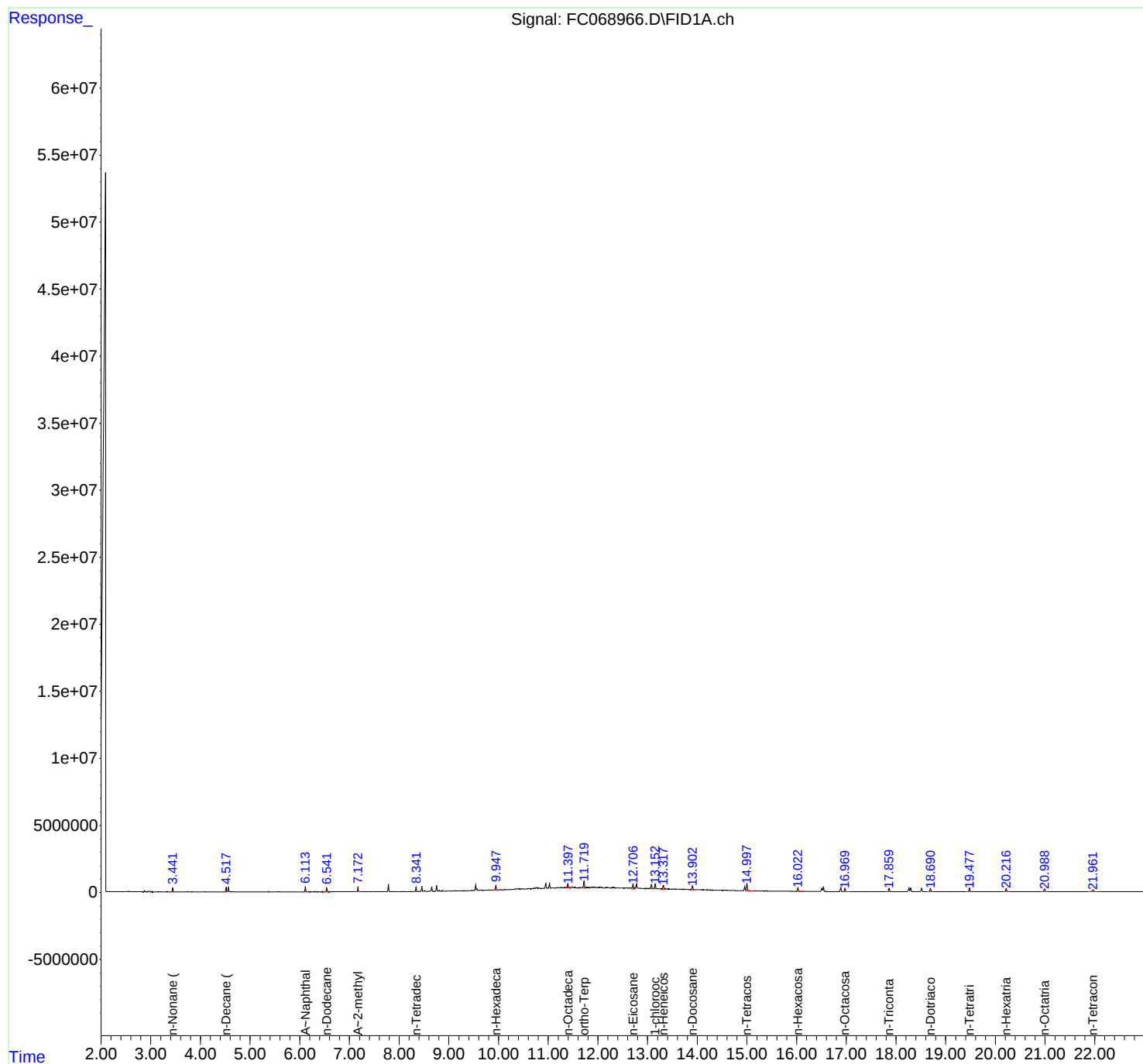
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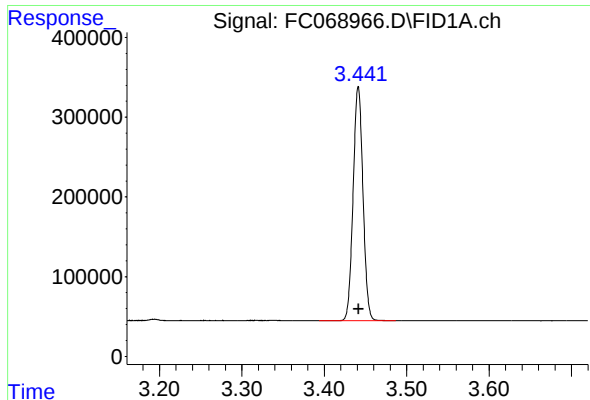
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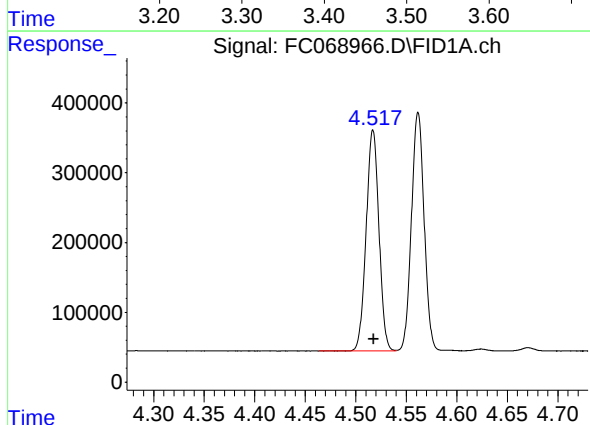
#1 n-Nonane (C9)

R.T.: 3.441 min
Delta R.T.: 0.000 min
Response: 2435055
Conc: 24.21 ug/ml

Instrument :
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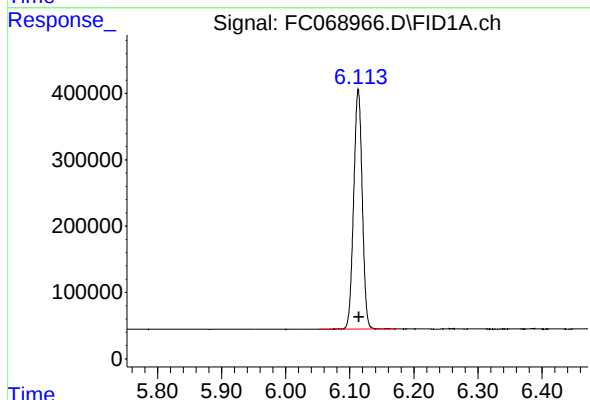
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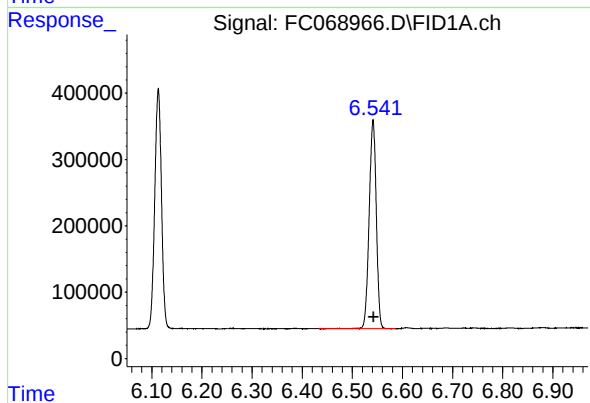
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2789487
Conc: 28.00 ug/ml



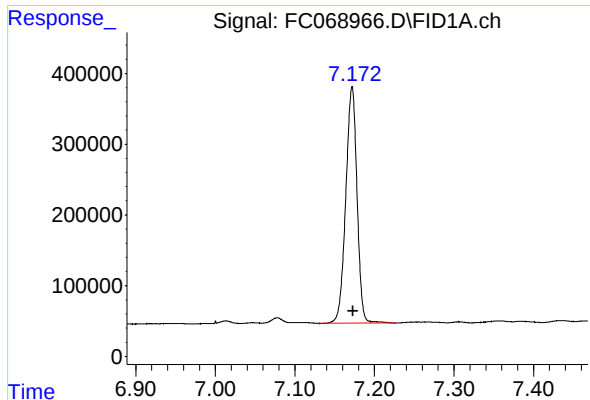
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 3363687
Conc: 30.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 3103194
Conc: 31.93 ug/ml



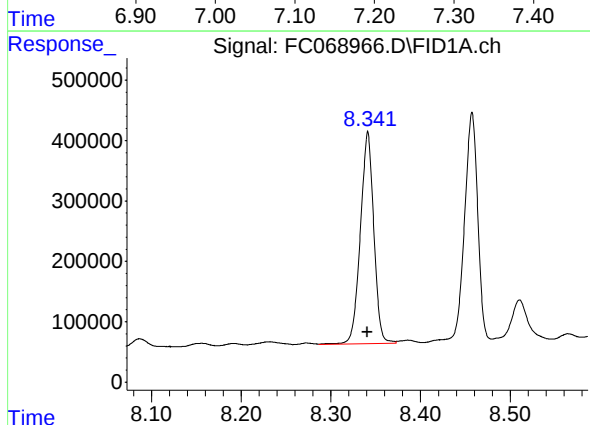
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.172 min
Delta R.T.: -0.001 min
Response: 3296530
Conc: 30.71 ug/ml

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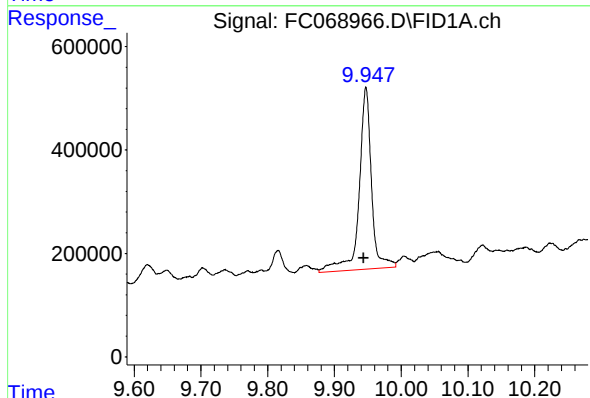
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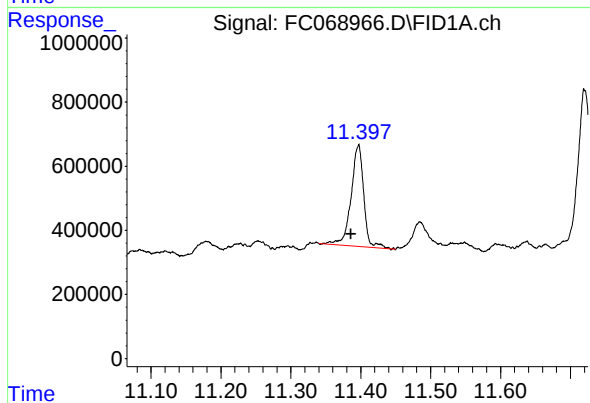
#6 n-Tetradecane (C14)

R.T.: 8.341 min
Delta R.T.: 0.000 min
Response: 3641828
Conc: 39.40 ug/ml



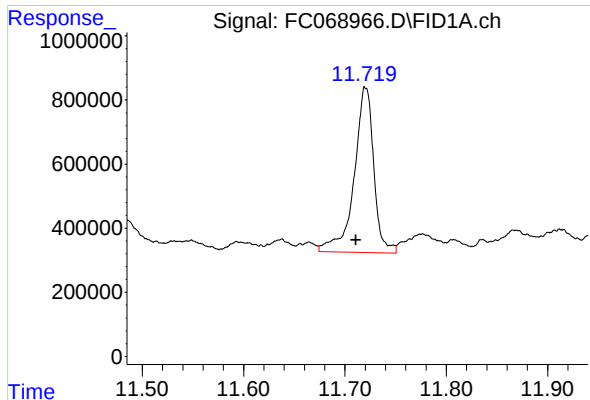
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.003 min
Response: 4549946
Conc: 50.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.396 min
Delta R.T.: 0.010 min
Response: 3985902
Conc: 45.44 ug/ml



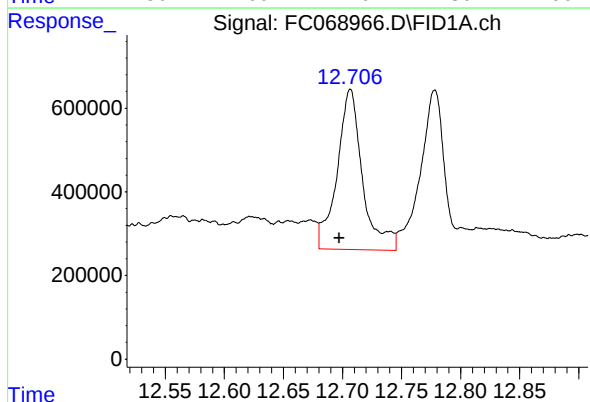
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: 0.009 min
Response: 6966057
Conc: 61.03 ug/ml

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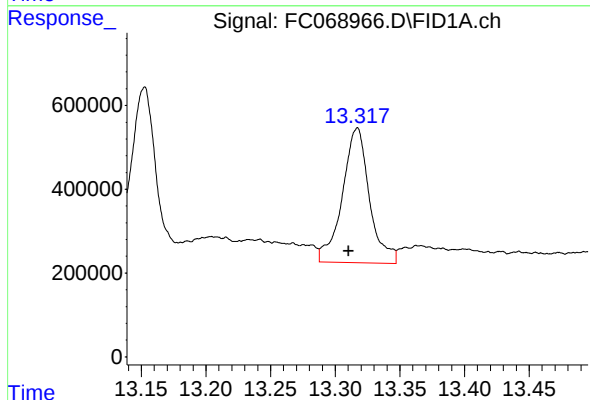
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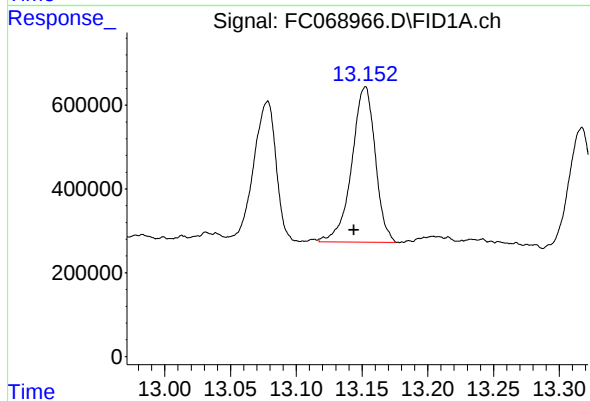
#10 n-Eicosane (C20)

R.T.: 12.707 min
Delta R.T.: 0.009 min
Response: 5731190
Conc: 67.25 ug/ml



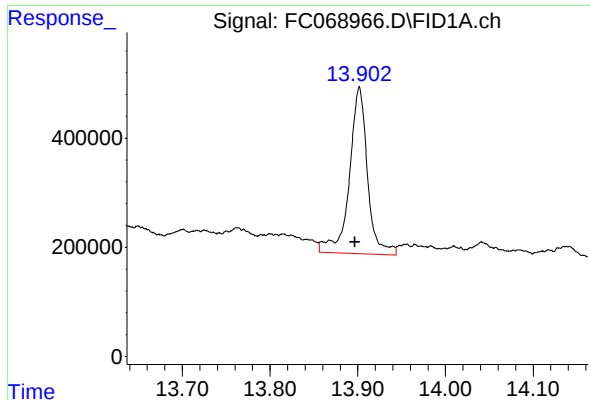
#11 n-Heneicosane (C21)

R.T.: 13.317 min
Delta R.T.: 0.006 min
Response: 4702574
Conc: 55.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: 0.008 min
Response: 4606625
Conc: 57.42 ug/ml m



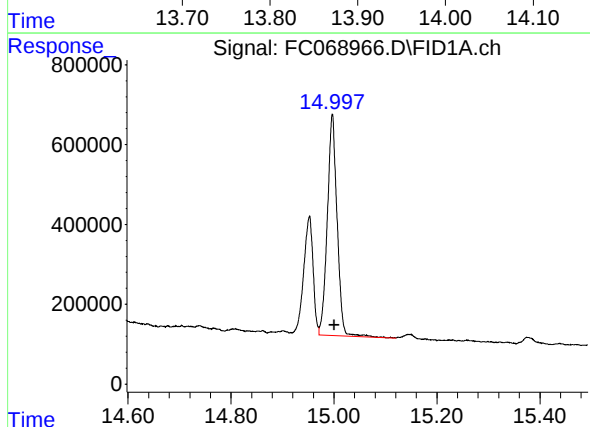
#13 n-Docosane (C22)

R.T.: 13.902 min
Delta R.T.: 0.005 min
Response: 4392086
Conc: 52.50 ug/ml

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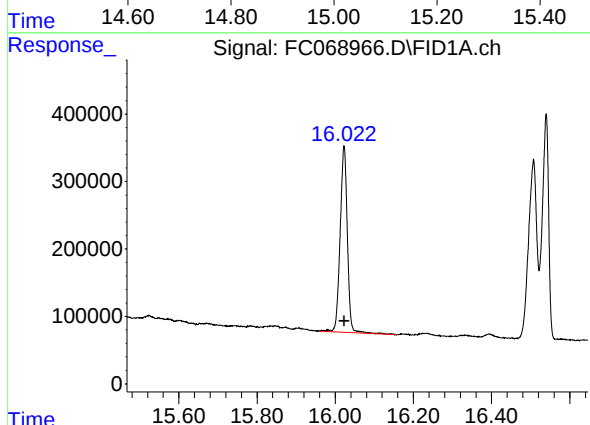
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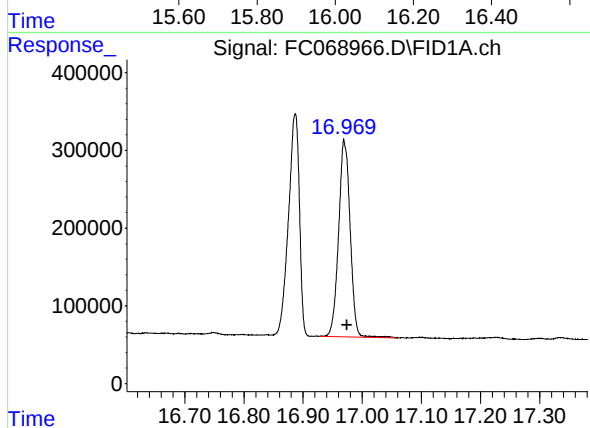
#14 n-Tetracosane (C24)

R.T.: 14.997 min
Delta R.T.: -0.004 min
Response: 7326853
Conc: 88.06 ug/ml



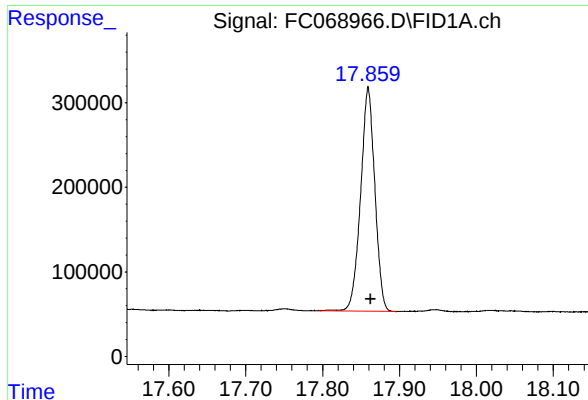
#15 n-Hexacosane (C26)

R.T.: 16.023 min
Delta R.T.: 0.000 min
Response: 3544214
Conc: 42.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: -0.004 min
Response: 3435462
Conc: 41.57 ug/ml



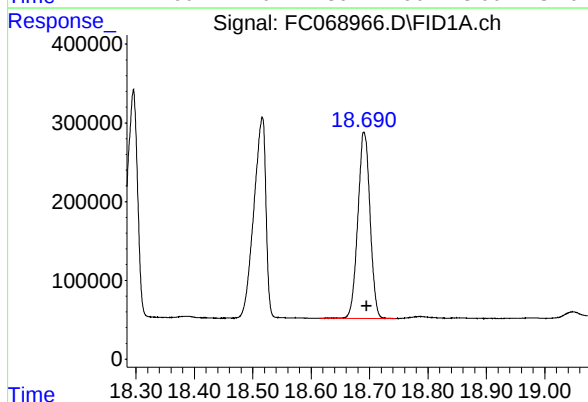
#17 n-Tricontane (C30)

R.T.: 17.859 min
Delta R.T.: -0.003 min
Response: 3411393
Conc: 40.32 ug/ml

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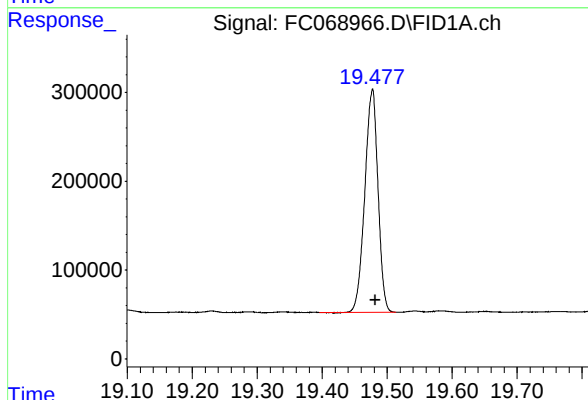
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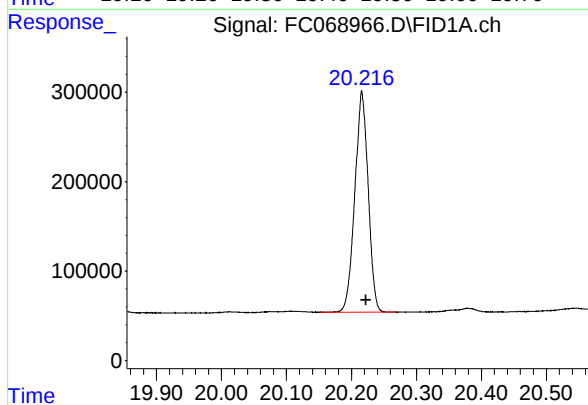
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.005 min
Response: 3432932
Conc: 39.85 ug/ml



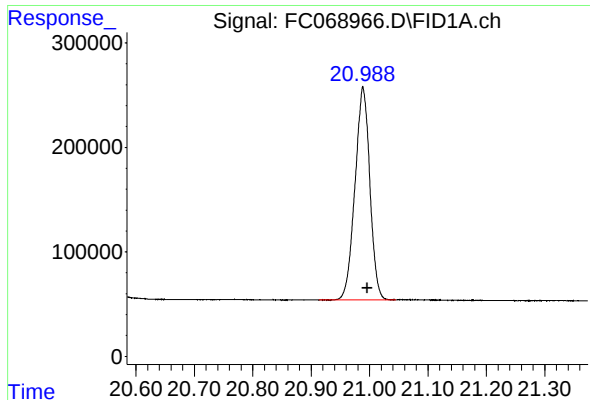
#19 n-Tetratriacontane (C34)

R.T.: 19.477 min
Delta R.T.: -0.005 min
Response: 3540838
Conc: 41.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.216 min
Delta R.T.: -0.006 min
Response: 3521285
Conc: 40.97 ug/ml



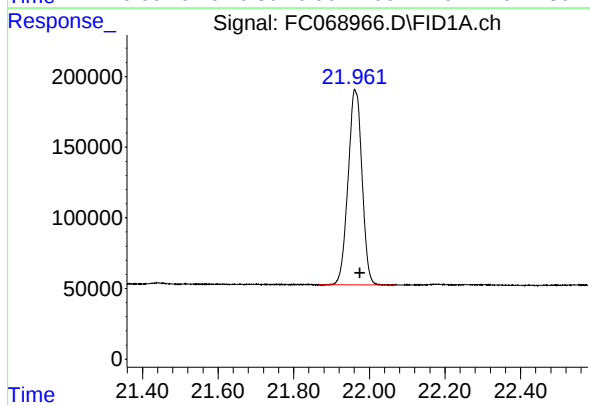
#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.008 min
Response: 3592086
Conc: 42.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.962 min
Delta R.T.: -0.013 min
Response: 3531499
Conc: 43.09 ug/ml