

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068965.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 18:44
 Operator : YP/AJ
 Sample : Q2097-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 RBR251675MS

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 07:45:34 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)	11.719	7234206	63.381 ug/ml
Spiked Amount 50.000		Recovery =	126.76%
12) S 1-chlorooctadecane (S...	13.150	4817810	60.053 ug/mlm
Spiked Amount 50.000		Recovery =	120.11%
Target Compounds			
1) T n-Nonane (C9)	3.440	2507692	24.932 ug/ml
2) T n-Decane (C10)	4.517	2872974	28.833 ug/ml
3) T A~Naphthalene (C11.7)	6.113	3455091	31.335 ug/ml
4) T n-Dodecane (C12)	6.541	3166610	32.586 ug/ml
5) T A~2-methylnaphthalene...	7.171	3378898	31.481 ug/ml
6) T n-Tetradecane (C14)	8.340	3713667	40.180 ug/ml
7) T n-Hexadecane (C16)	9.947	4574856	51.091 ug/ml
8) T n-Octadecane (C18)	11.396	4062144	46.309 ug/ml
10) T n-Eicosane (C20)	12.706	5735544	67.304 ug/ml
11) T n-Heneicosane (C21)	13.316	4781648	56.691 ug/ml
13) T n-Docosane (C22)	13.901	4445093	53.134 ug/ml
14) T n-Tetracosane (C24)	14.996	7581505	91.116 ug/ml
15) T n-Hexacosane (C26)	16.021	3624097	43.741 ug/ml
16) T n-Octacosane (C28)	16.970	3542322	42.861 ug/ml
17) T n-Tricontane (C30)	17.859	3487172	41.213 ug/ml
18) T n-Dotriacontane (C32)	18.691	3486970	40.482 ug/ml
19) T n-Tetratriacontane (C34)	19.475	3592567	42.166 ug/ml
20) T n-Hexatriacontane (C36)	20.217	3561582	41.439 ug/ml
21) T n-Octatriacontane (C38)	20.989	3626958	43.238 ug/ml
22) T n-Tetracontane (C40)	21.963	3551403	43.333 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : Q2097-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

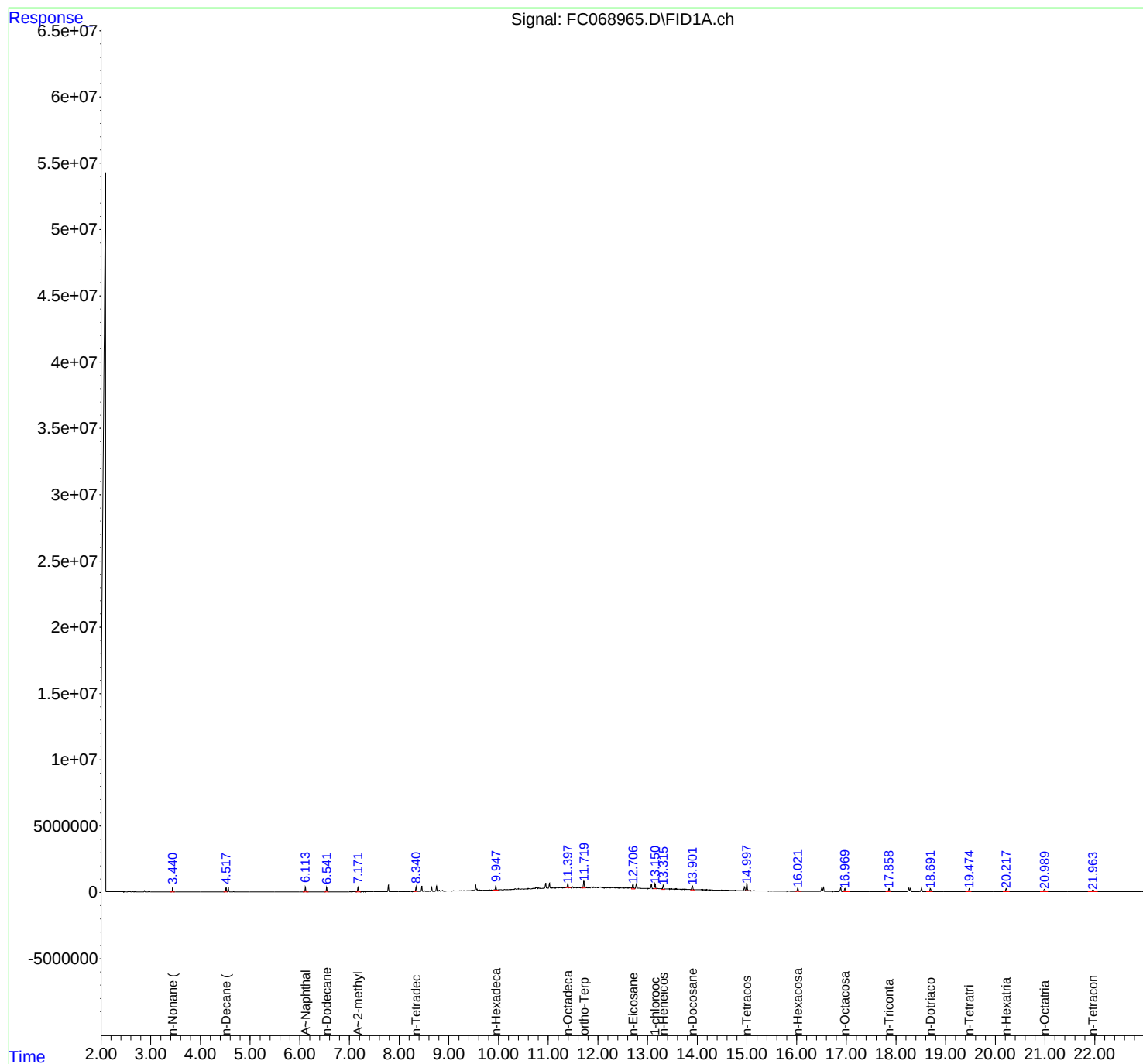
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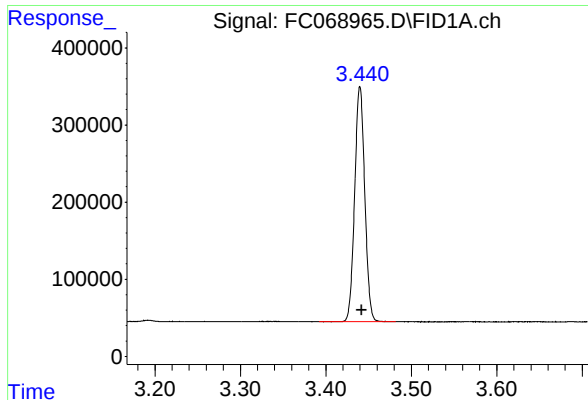
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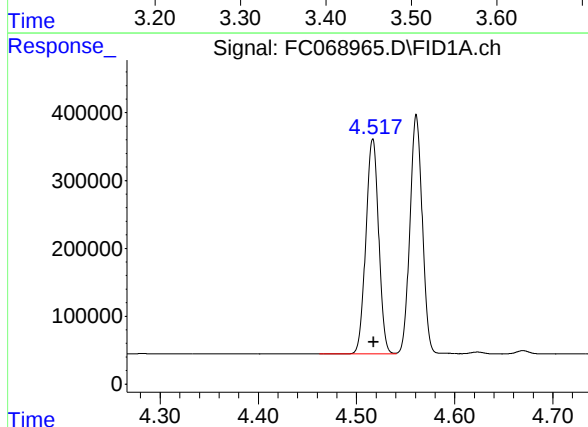
#1 n-Nonane (C9)

R.T.: 3.440 min
Delta R.T.: -0.002 min
Response: 2507692
Conc: 24.93 ug/ml

Instrument :
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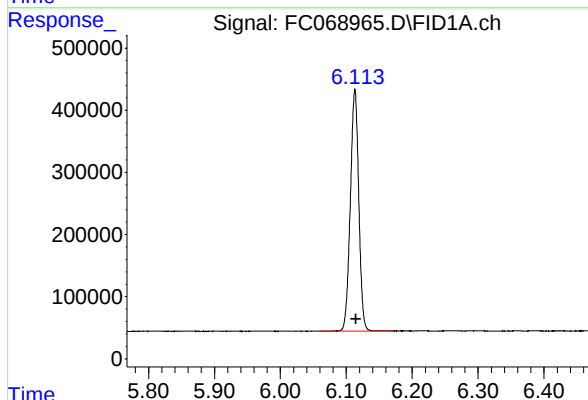
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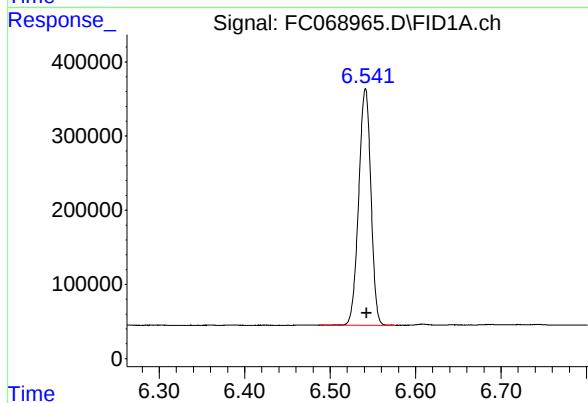
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.001 min
Response: 2872974
Conc: 28.83 ug/ml



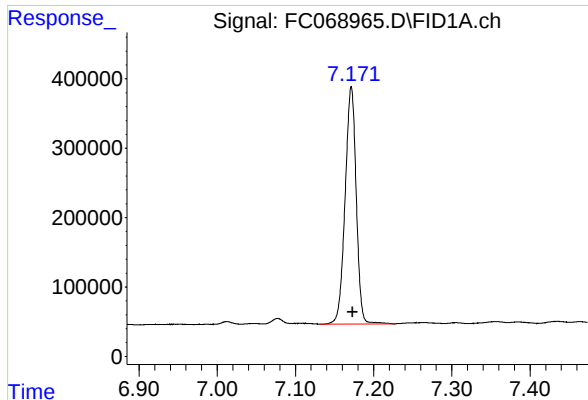
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: -0.002 min
Response: 3455091
Conc: 31.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.541 min
Delta R.T.: -0.002 min
Response: 3166610
Conc: 32.59 ug/ml



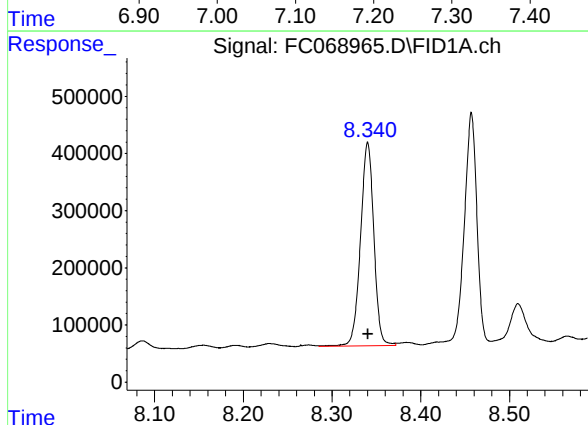
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 3378898
Conc: 31.48 ug/ml

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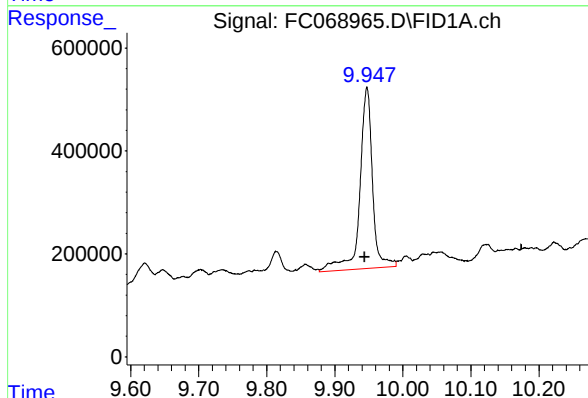
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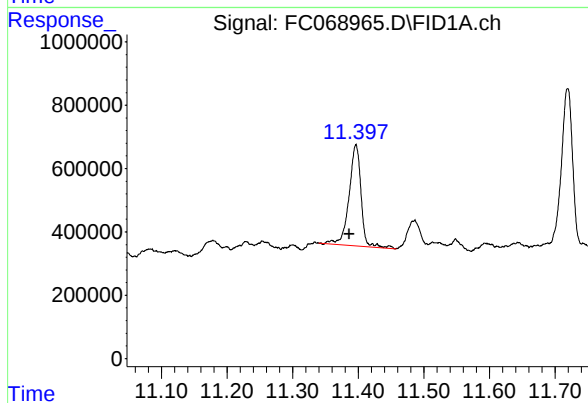
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 3713667
Conc: 40.18 ug/ml



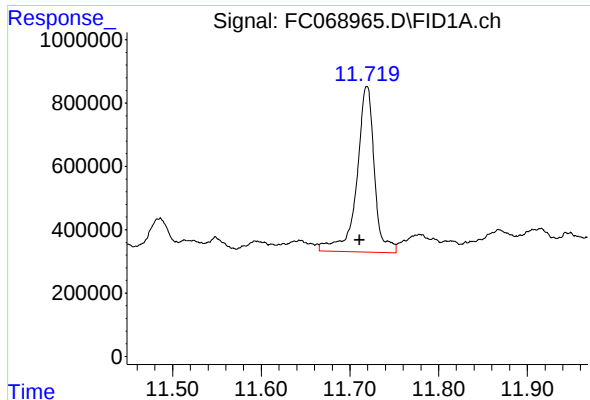
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.003 min
Response: 4574856
Conc: 51.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.396 min
Delta R.T.: 0.010 min
Response: 4062144
Conc: 46.31 ug/ml



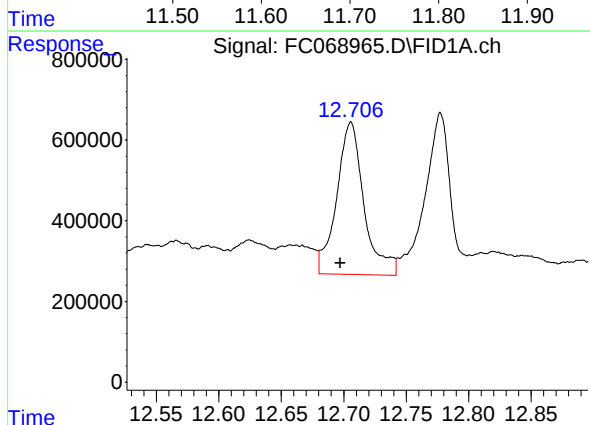
#9 ortho-Terphenyl (SURR)

R.T.: 11.719 min
Delta R.T.: 0.008 min
Response: 7234206
Conc: 63.38 ug/ml

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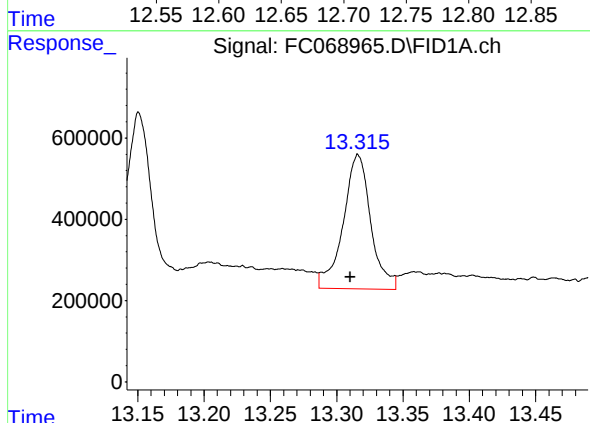
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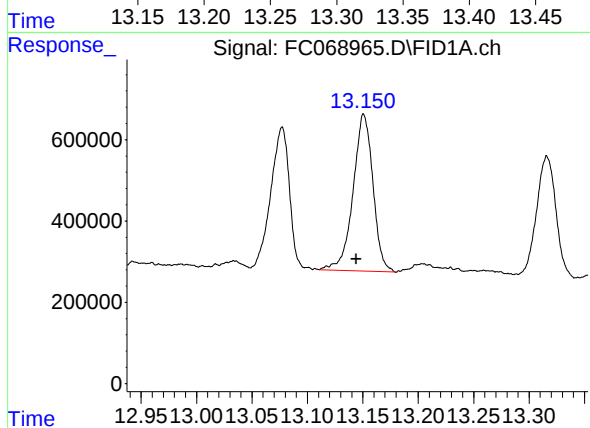
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.008 min
Response: 5735544
Conc: 67.30 ug/ml



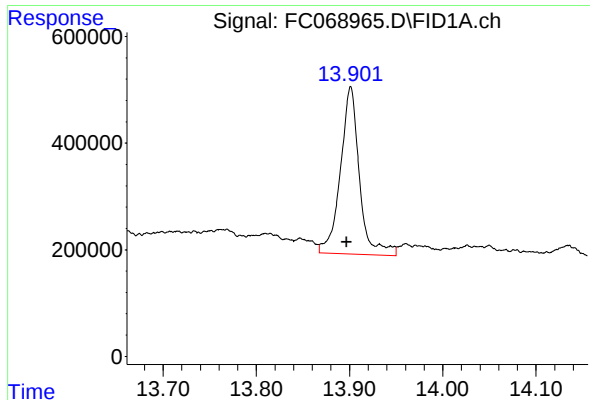
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: 0.006 min
Response: 4781648
Conc: 56.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: 0.006 min
Response: 4817810
Conc: 60.05 ug/ml m



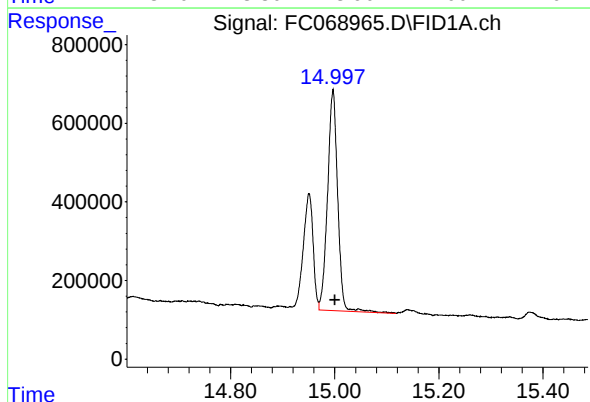
#13 n-Docosane (C22)

R.T.: 13.901 min
Delta R.T.: 0.004 min
Response: 4445093
Conc: 53.13 ug/ml

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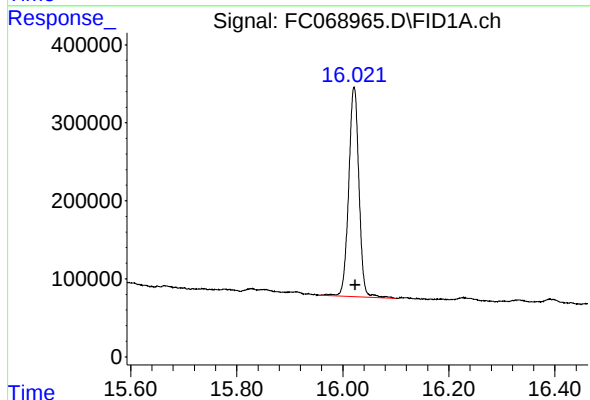
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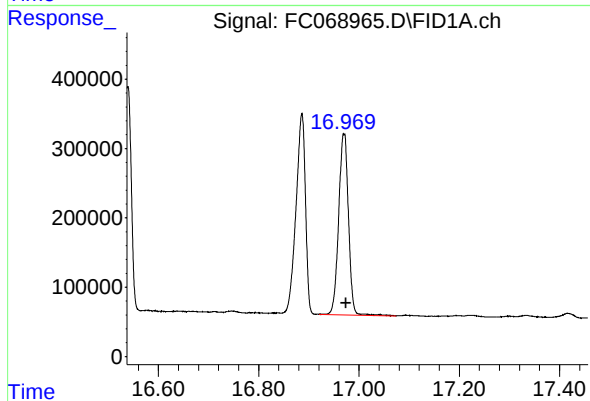
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.004 min
Response: 7581505
Conc: 91.12 ug/ml



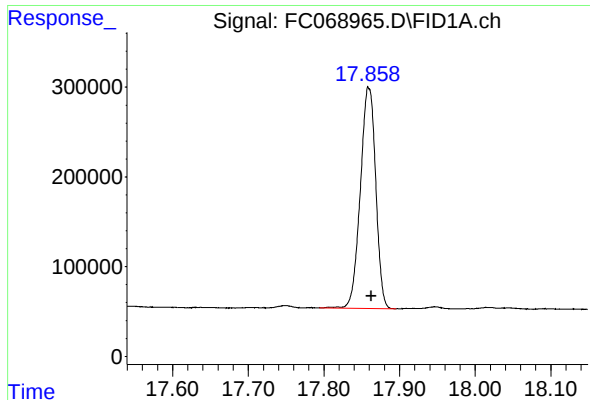
#15 n-Hexacosane (C26)

R.T.: 16.021 min
Delta R.T.: -0.002 min
Response: 3624097
Conc: 43.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: -0.004 min
Response: 3542322
Conc: 42.86 ug/ml



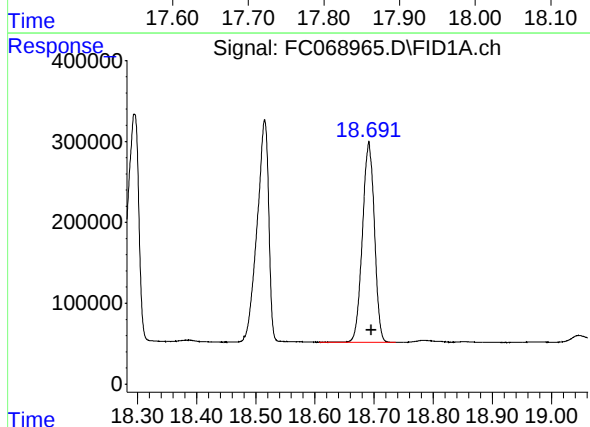
#17 n-Tricontane (C30)

R.T.: 17.859 min
Delta R.T.: -0.003 min
Response: 3487172
Conc: 41.21 ug/ml

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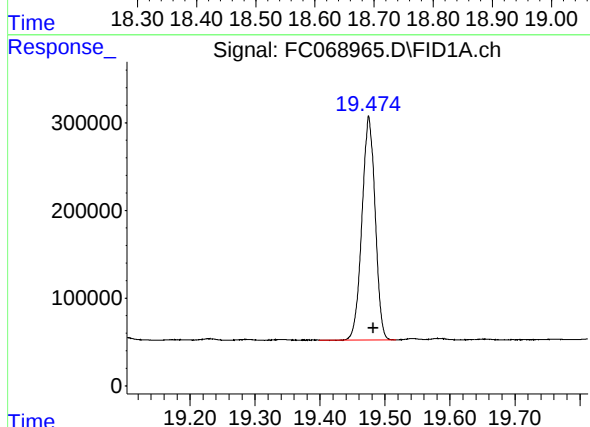
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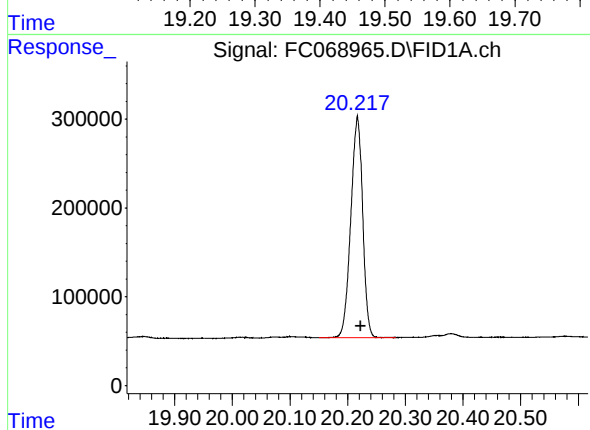
#18 n-Dotriacontane (C32)

R.T.: 18.691 min
Delta R.T.: -0.004 min
Response: 3486970
Conc: 40.48 ug/ml



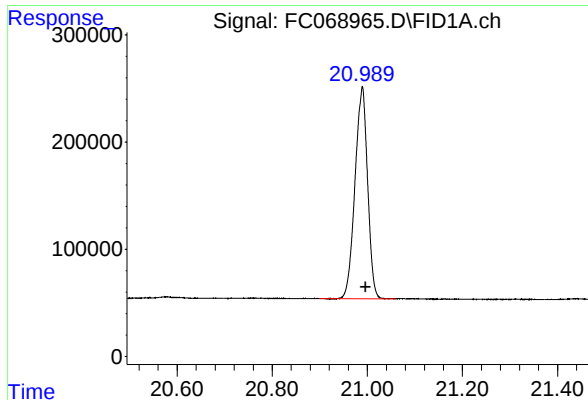
#19 n-Tetratriacontane (C34)

R.T.: 19.475 min
Delta R.T.: -0.007 min
Response: 3592567
Conc: 42.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: -0.006 min
Response: 3561582
Conc: 41.44 ug/ml



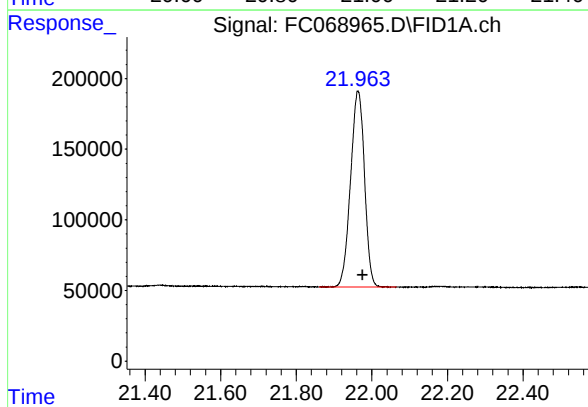
#21 n-Octatriacontane (C38)

R.T.: 20.989 min
Delta R.T.: -0.007 min
Response: 3626958
Conc: 43.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.963 min
Delta R.T.: -0.012 min
Response: 3551403
Conc: 43.33 ug/ml