

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
 Data File : FC069394.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 16:33
 Operator : YP/AJ
 Sample : Q2486-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File: autoint1.e
 Quant Time: Jul 09 04:44:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 Qlast Update : Wed Jun 18 14:24:27 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)	11.675	5754763	33.311 ug/ml
Spiked Amount 50.000		Recovery =	66.62%
12) S 1-chlorooctadecane (S...	13.110	4411834	33.770 ug/ml
Spiked Amount 50.000		Recovery =	67.54%
Target Compounds			
1) T n-Nonane (C9)	3.422	6260600	44.021 ug/ml
2) T n-Decane (C10)	4.487	6672976	45.582 ug/ml
3) T A~Naphthalene (C11.7)	6.077	8207883	51.014 ug/ml
4) T n-Dodecane (C12)	6.505	6913827	45.658 ug/ml
5) T A~2-methylnaphthalene...	7.135	7568134	47.824 ug/ml
6) T n-Tetradecane (C14)	8.305	6886539	44.428 ug/ml
7) T n-Hexadecane (C16)	9.908	6829874	41.794 ug/ml
8) T n-Octadecane (C18)	11.353	6552188	40.131 ug/ml
10) T n-Eicosane (C20)	12.666	6447629	42.241 ug/ml
11) T n-Heneicosane (C21)	13.278	6044028	41.006 ug/ml
13) T n-Docosane (C22)	13.866	5844516	40.620 ug/ml
14) T n-Tetracosane (C24)	14.965	11162920	80.931 ug/ml
15) T n-Hexacosane (C26)	15.994	5172764	39.570 ug/ml
16) T n-Octacosane (C28)	16.944	4909644	39.809 ug/ml
17) T n-Tricontane (C30)	17.835	4728379	39.773 ug/ml
18) T n-Dotriacontane (C32)	18.667	4686610	42.864 ug/ml
19) T n-Tetratriacontane (C34)	19.452	4831520	50.033 ug/ml
20) T n-Hexatriacontane (C36)	20.194	4732415	57.424 ug/ml
21) T n-Octatriacontane (C38)	20.960	4978273	66.616 ug/ml
22) T n-Tetracontane (C40)	21.927	5069484	71.587 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

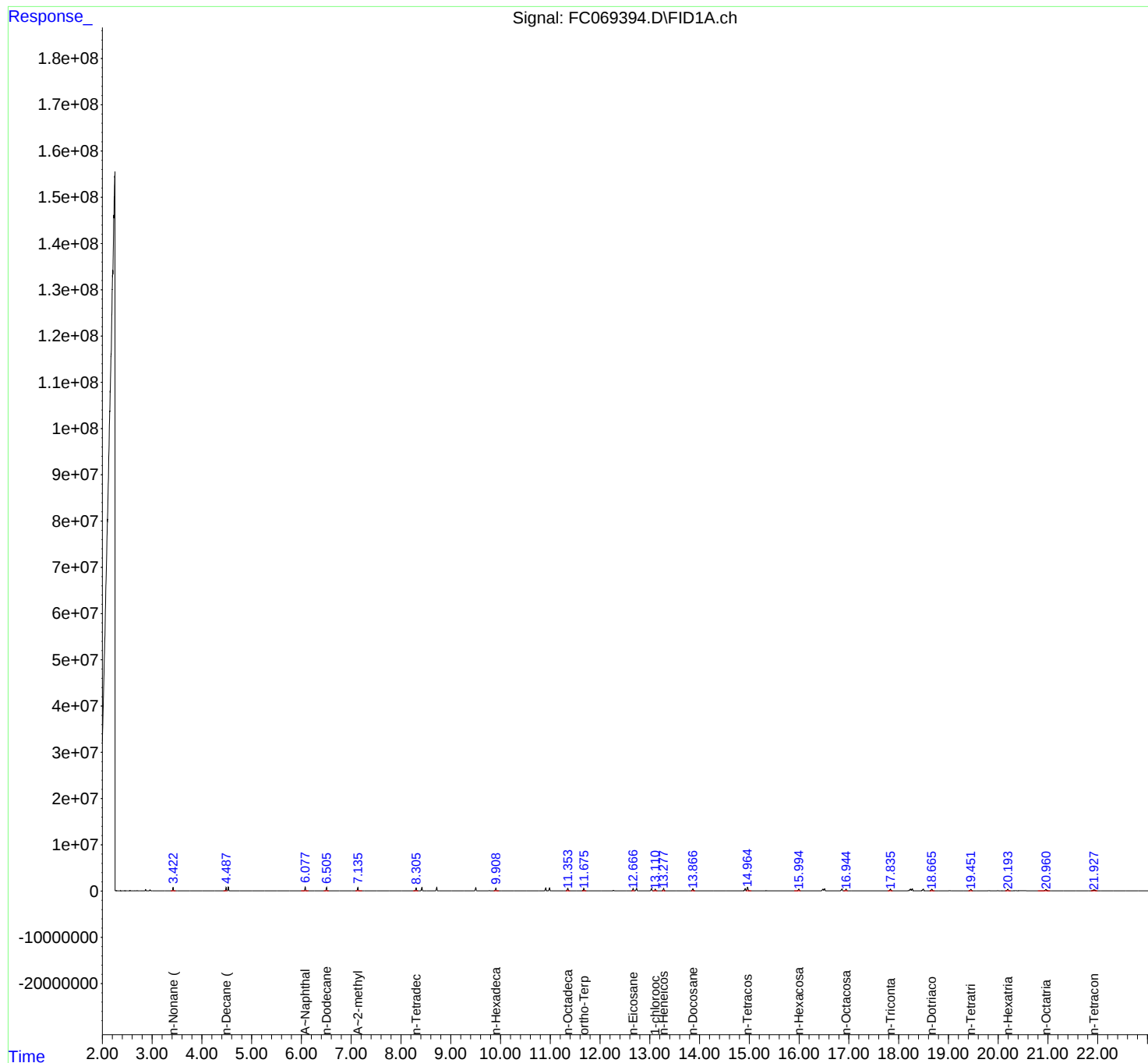
Instrument :
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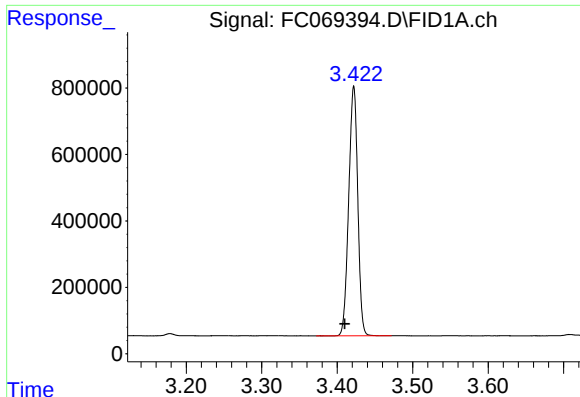
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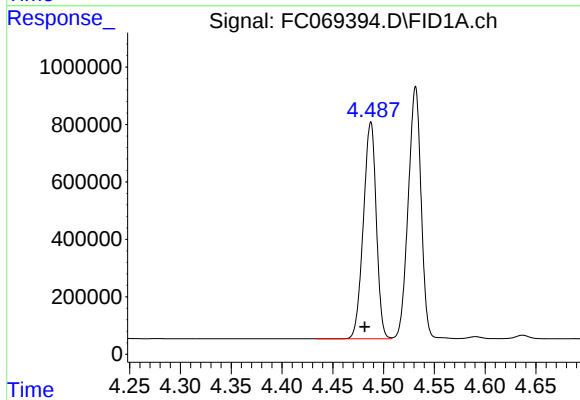
#1 n-Nonane (C9)

R.T.: 3.422 min
Delta R.T.: 0.012 min
Response: 6260600
Conc: 44.02 ug/ml

Instrument :
FID_C
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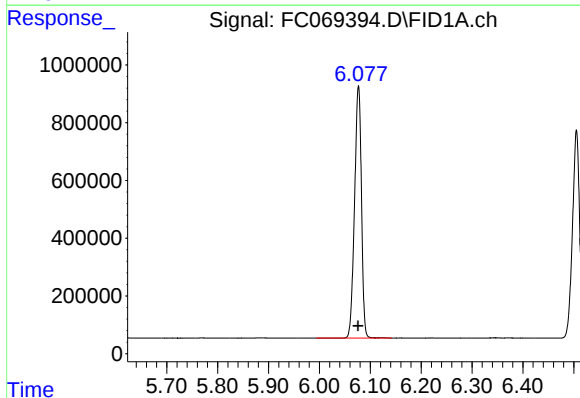
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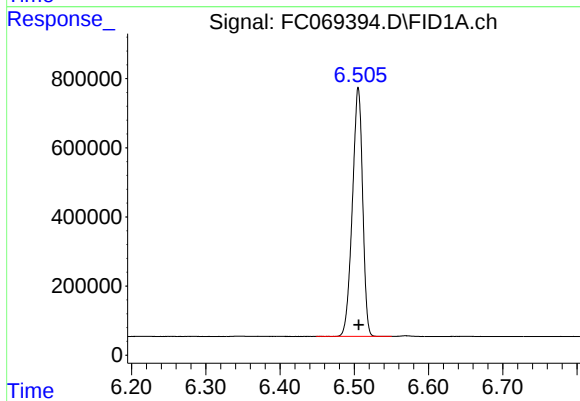
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: 0.006 min
Response: 6672976
Conc: 45.58 ug/ml



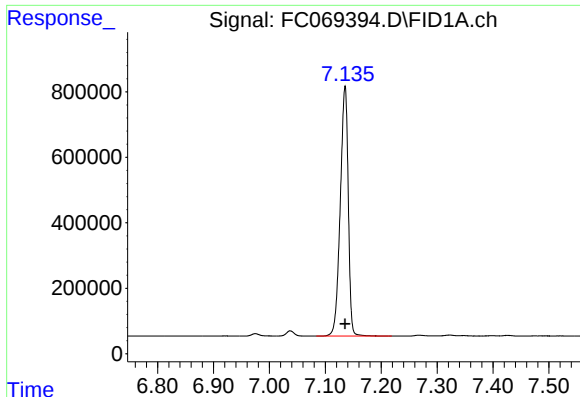
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 8207883
Conc: 51.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: 0.000 min
Response: 6913827
Conc: 45.66 ug/ml



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

R.T.: 7.135 min
Delta R.T.: 0.000 min
Response: 7568134
Conc: 47.82 ug/ml

Instrument :

FID_C

ClientSampleId :

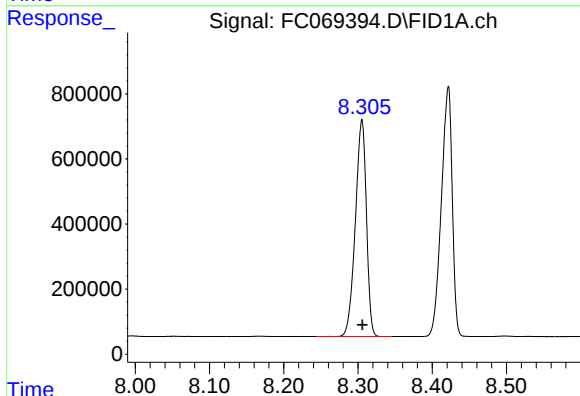
1MSD

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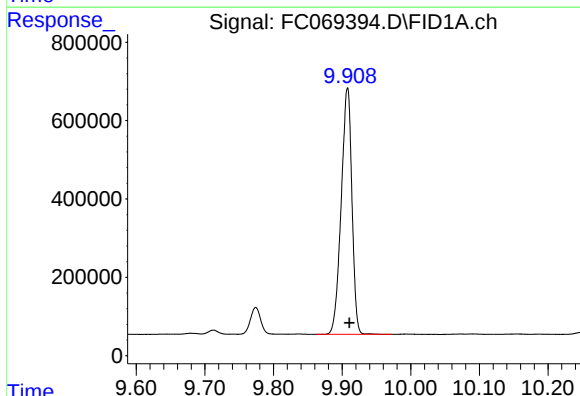
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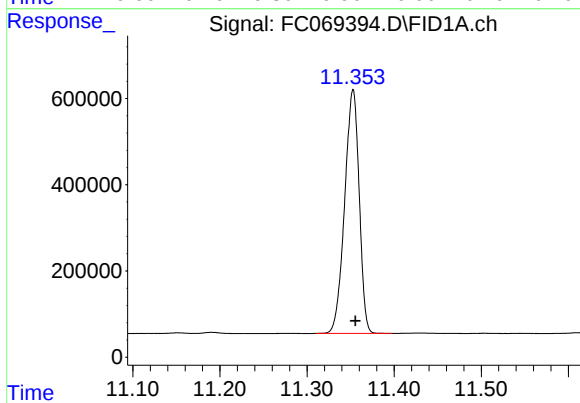
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: -0.001 min
Response: 6886539
Conc: 44.43 ug/ml



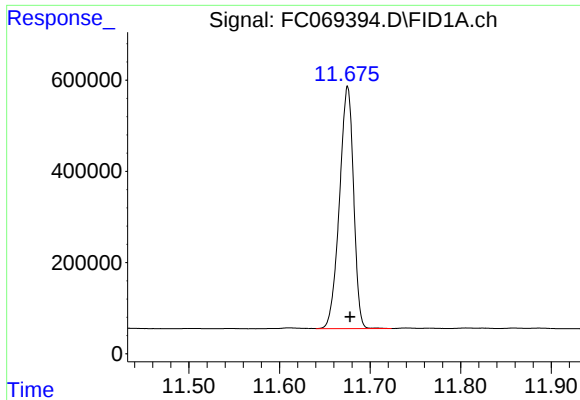
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.003 min
Response: 6829874
Conc: 41.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.003 min
Response: 6552188
Conc: 40.13 ug/ml



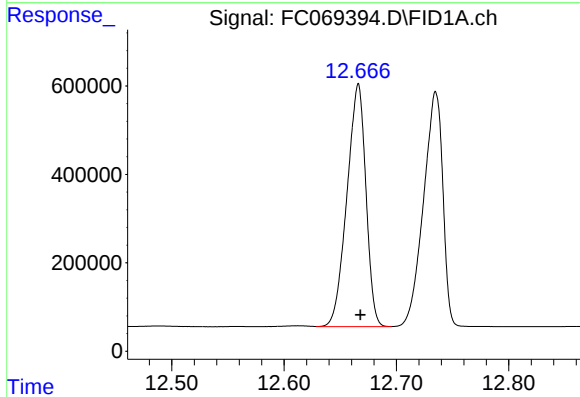
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 5754763
Conc: 33.31 ug/ml

Instrument :
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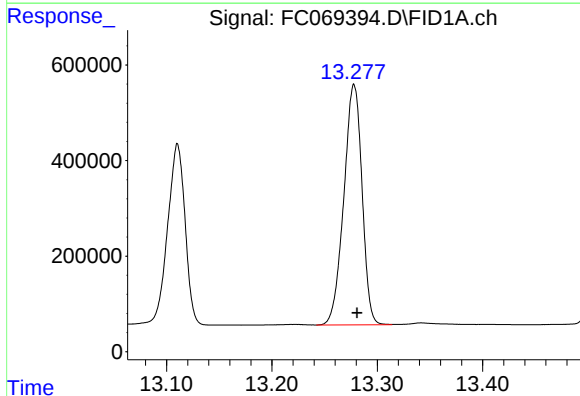
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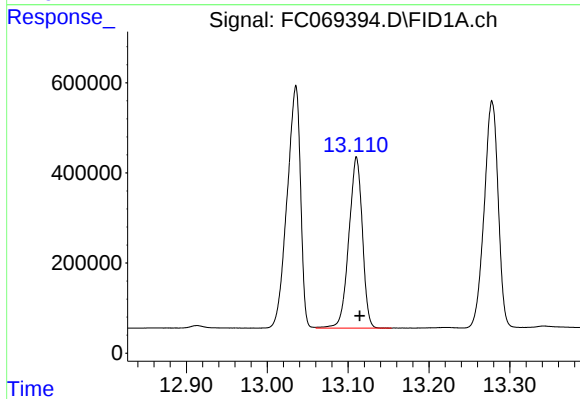
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 6447629
Conc: 42.24 ug/ml



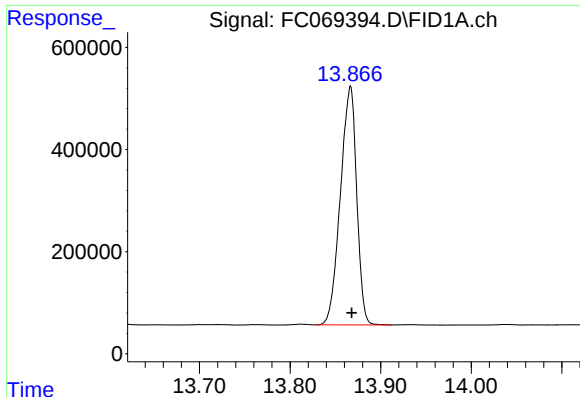
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.003 min
Response: 6044028
Conc: 41.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.004 min
Response: 4411834
Conc: 33.77 ug/ml



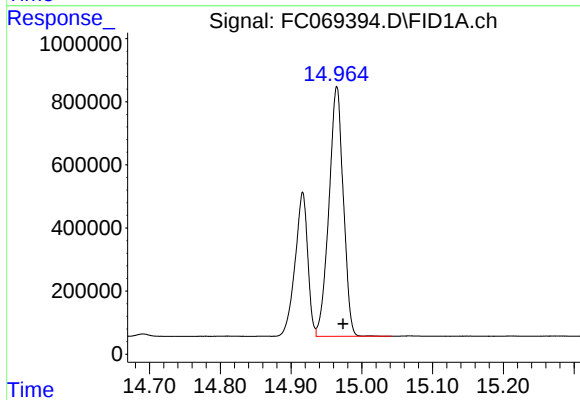
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.002 min
Response: 5844516
Conc: 40.62 ug/ml

Instrument :
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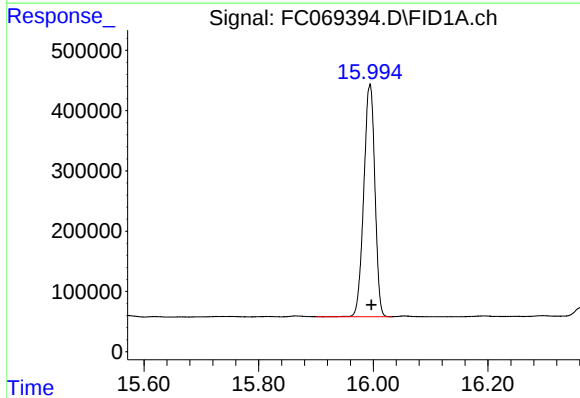
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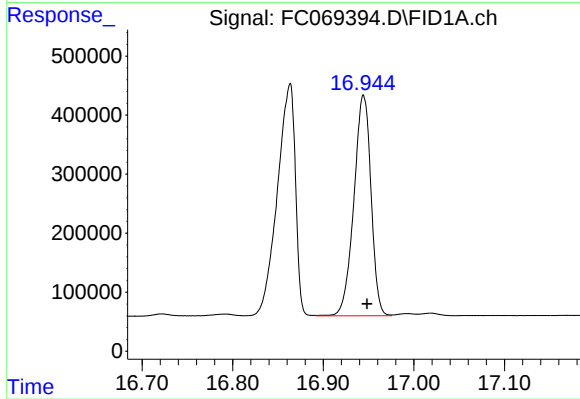
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.009 min
Response: 11162920
Conc: 80.93 ug/ml



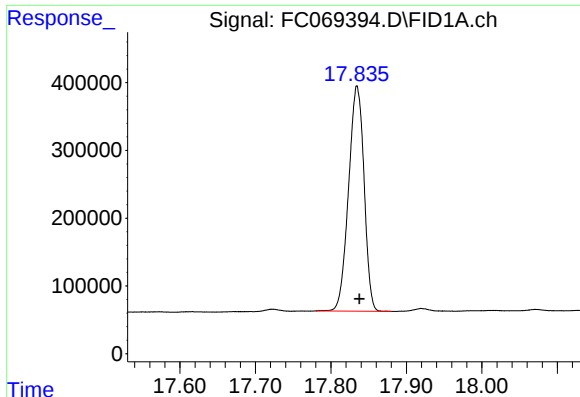
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.003 min
Response: 5172764
Conc: 39.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: -0.004 min
Response: 4909644
Conc: 39.81 ug/ml



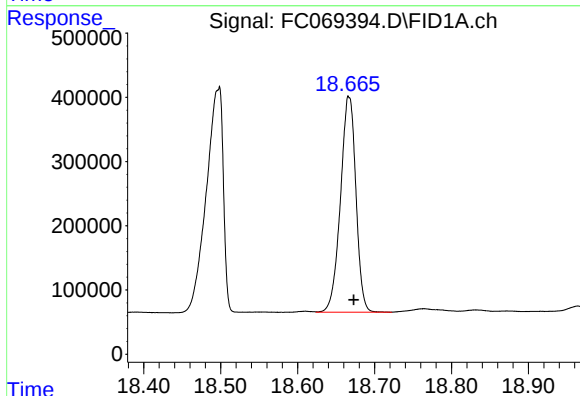
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.003 min
Response: 4728379
Conc: 39.77 ug/ml

Instrument :
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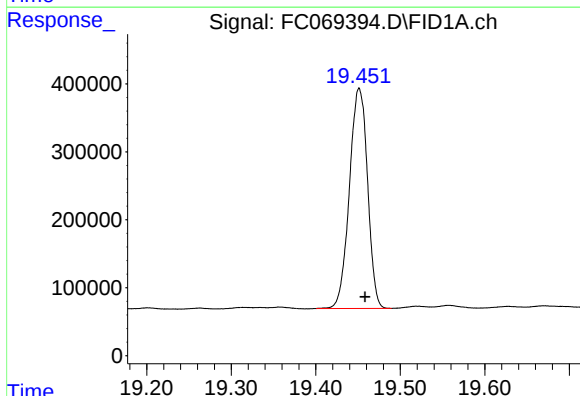
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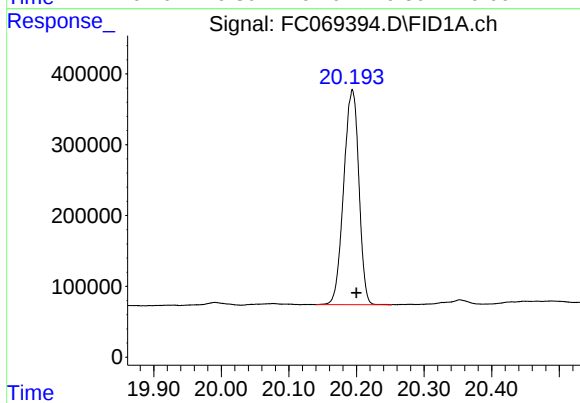
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 4686610
Conc: 42.86 ug/ml



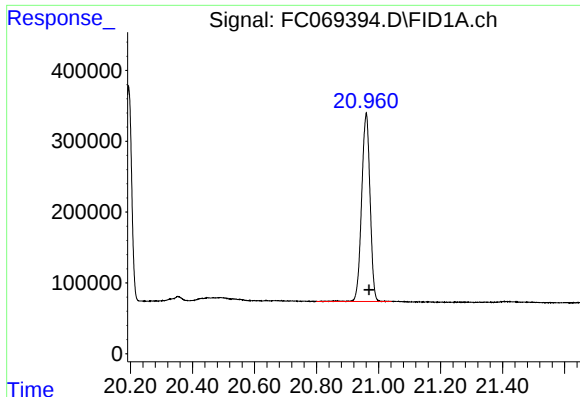
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.007 min
Response: 4831520
Conc: 50.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.006 min
Response: 4732415
Conc: 57.42 ug/ml



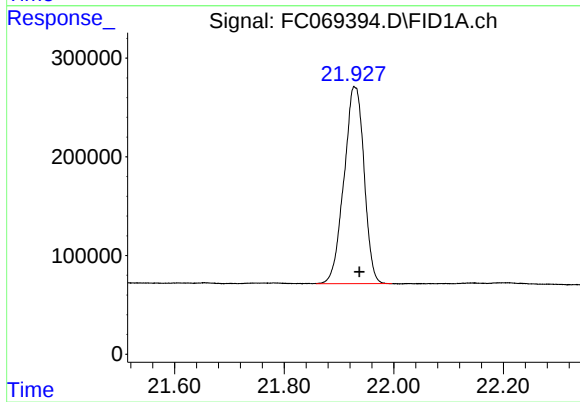
#21 n-Octatriacontane (C38)

R.T.: 20.960 min
Delta R.T.: -0.009 min
Response: 4978273
Conc: 66.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.927 min
Delta R.T.: -0.010 min
Response: 5069484
Conc: 71.59 ug/ml m