

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC070825AL\
 Data File : FC069390.D
 Signal(s) : FID1A.ch
 Acq On : 08 Jul 2025 13:13
 Operator : YP/AJ
 Sample : PB168752BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB168752BS

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 04:43:51 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	6470596	37.455 ug/ml
Spiked Amount 50.000		Recovery =	74.91%
12) S 1-chlorooctadecane (S...	13.110	5053469	38.682 ug/ml
Spiked Amount 50.000		Recovery =	77.36%
Target Compounds			
1) T n-Nonane (C9)	3.419	6490707	45.639 ug/ml
2) T n-Decane (C10)	4.485	6888010	47.051 ug/ml
3) T A~Naphthalene (C11.7)	6.075	8443572	52.479 ug/ml
4) T n-Dodecane (C12)	6.503	7118616	47.011 ug/ml
5) T A~2-methylnaphthalene...	7.133	7795580	49.261 ug/ml
6) T n-Tetradecane (C14)	8.304	7110343	45.872 ug/ml
7) T n-Hexadecane (C16)	9.907	7068900	43.257 ug/ml
8) T n-Octadecane (C18)	11.353	6804811	41.678 ug/ml
10) T n-Eicosane (C20)	12.665	6669444	43.694 ug/ml
11) T n-Heneicosane (C21)	13.278	6236018	42.309 ug/ml
13) T n-Docosane (C22)	13.864	6023293	41.863 ug/ml
14) T n-Tetracosane (C24)	14.964	11317532	82.052 ug/ml
15) T n-Hexacosane (C26)	15.994	5298383	40.531 ug/ml
16) T n-Octacosane (C28)	16.944	4991509	40.473 ug/ml
17) T n-Tricontane (C30)	17.834	4799967	40.375 ug/ml
18) T n-Dotriacontane (C32)	18.667	4575850	41.851 ug/ml
19) T n-Tetratriacontane (C34)	19.452	4484285	46.437 ug/ml
20) T n-Hexatriacontane (C36)	20.193	3732863	45.295 ug/ml
21) T n-Octatriacontane (C38)	20.959	3109542	41.610 ug/ml
22) T n-Tetracontane (C40)	21.922	2633914	37.194 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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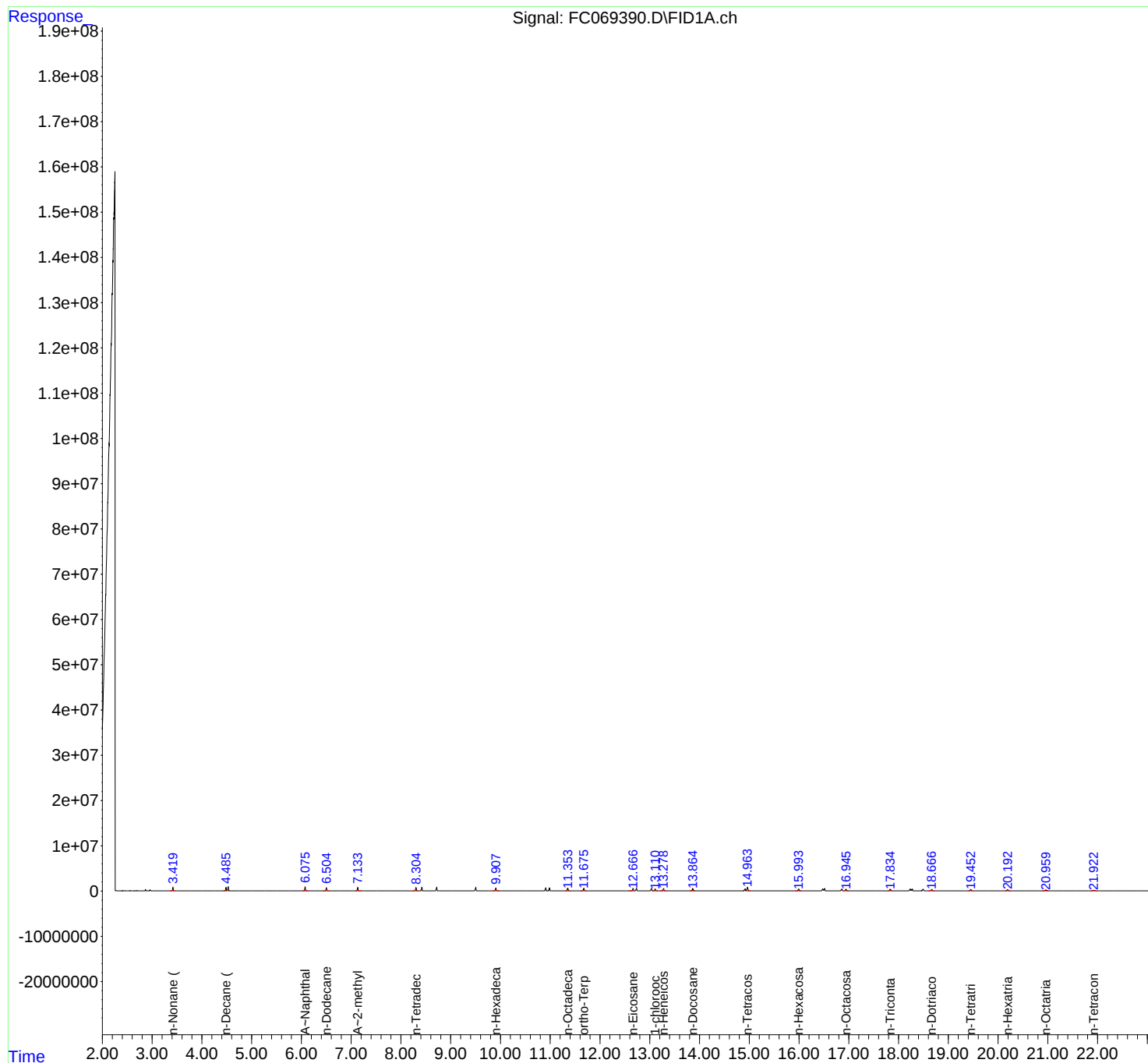
Instrument :
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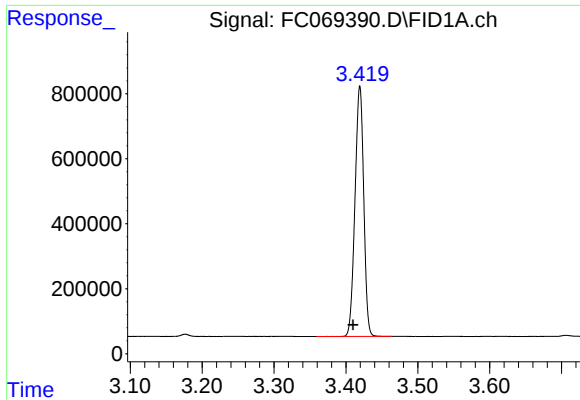
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#1 n-Nonane (C9)

R.T.: 3.419 min
Delta R.T.: 0.009 min
Response: 6490707
Conc: 45.64 ug/ml

Instrument :

FID_C

ClientSampleId :

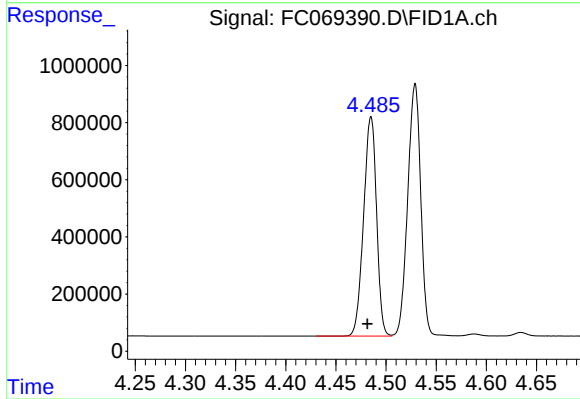
PB168752BS

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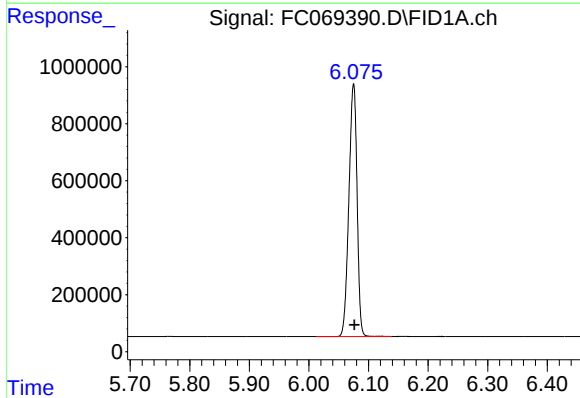
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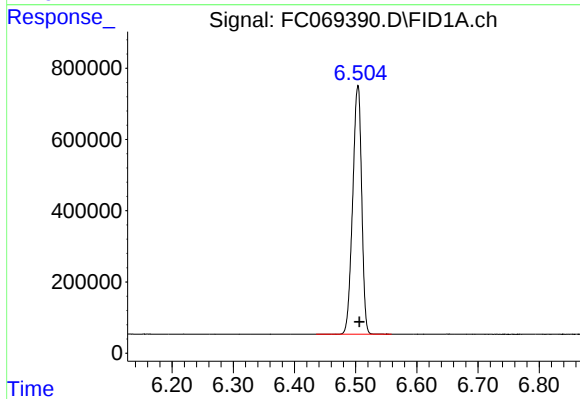
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: 0.003 min
Response: 6888010
Conc: 47.05 ug/ml



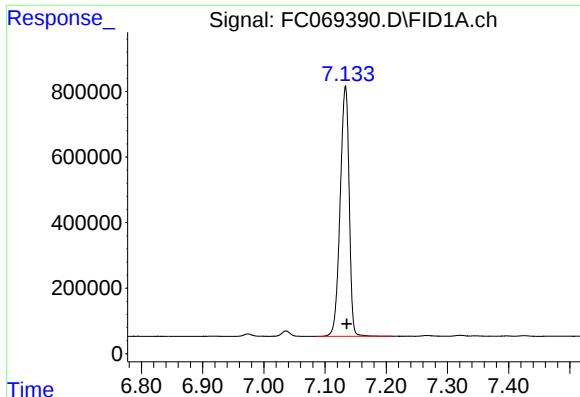
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 8443572
Conc: 52.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: -0.003 min
Response: 7118616
Conc: 47.01 ug/ml



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

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 7795580
Conc: 49.26 ug/ml

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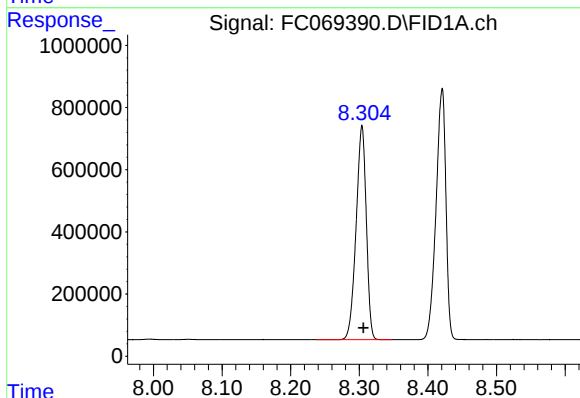
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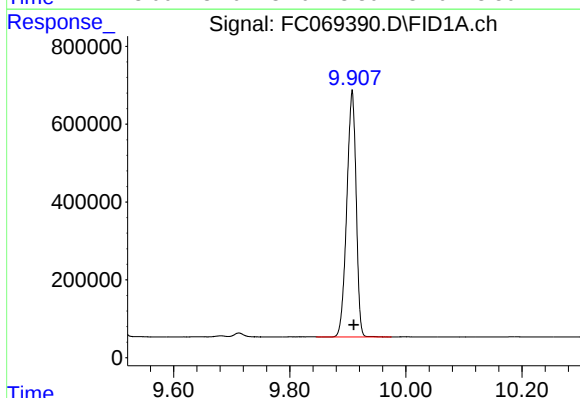
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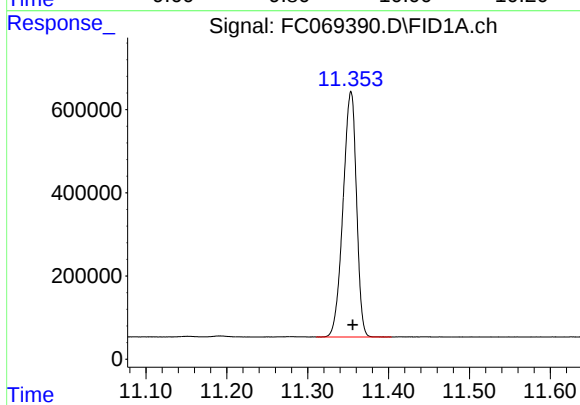
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 7110343
Conc: 45.87 ug/ml



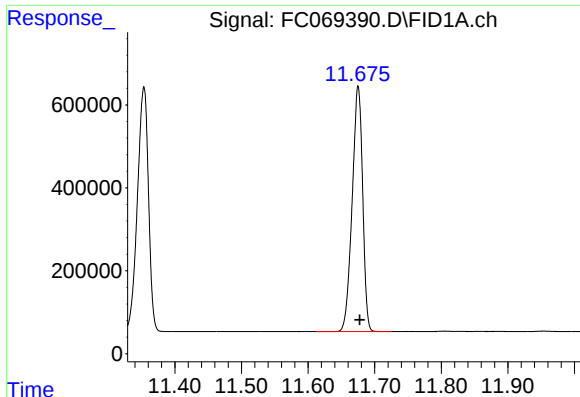
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: -0.003 min
Response: 7068900
Conc: 43.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.002 min
Response: 6804811
Conc: 41.68 ug/ml



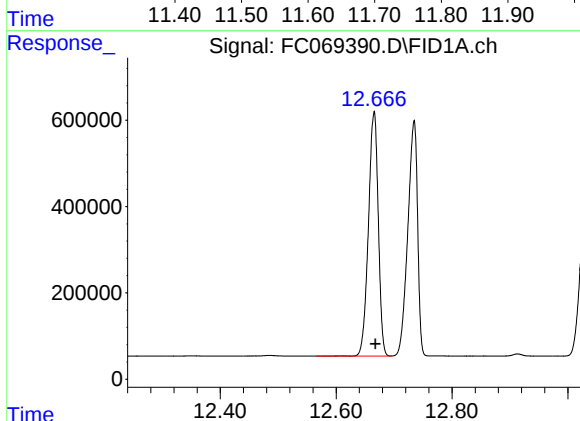
#9 ortho-Terphenyl (SURR)

R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 6470596
Conc: 37.45 ug/ml

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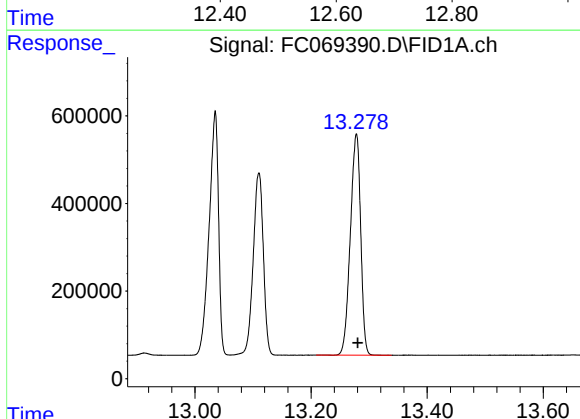
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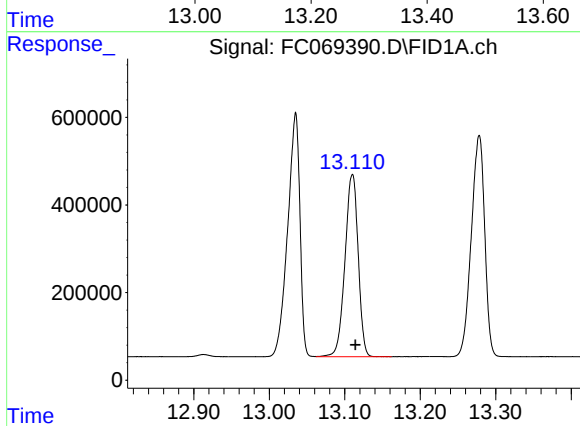
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.003 min
Response: 6669444
Conc: 43.69 ug/ml



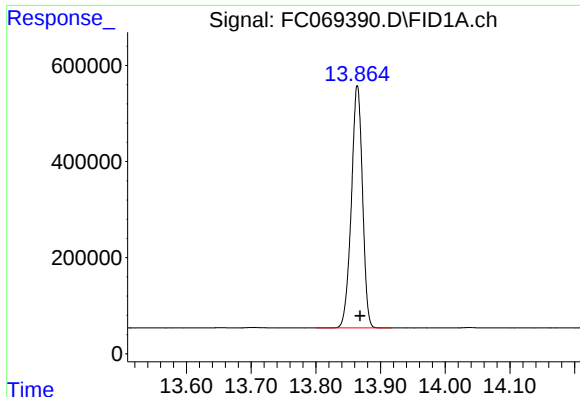
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.003 min
Response: 6236018
Conc: 42.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.004 min
Response: 5053469
Conc: 38.68 ug/ml



#13 n-Docosane (C22)

R.T.: 13.864 min
Delta R.T.: -0.004 min
Response: 6023293
Conc: 41.86 ug/ml

Instrument :

FID_C

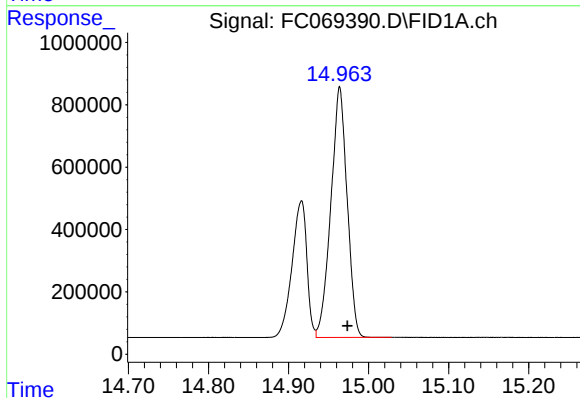
ClientSampleId :

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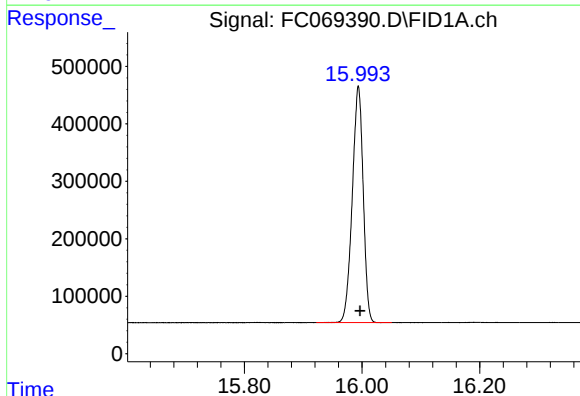
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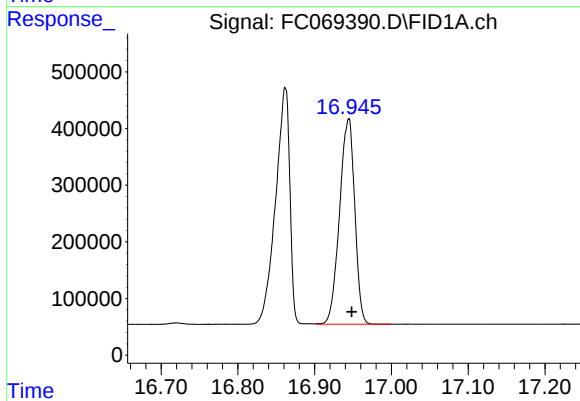
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.010 min
Response: 11317532
Conc: 82.05 ug/ml



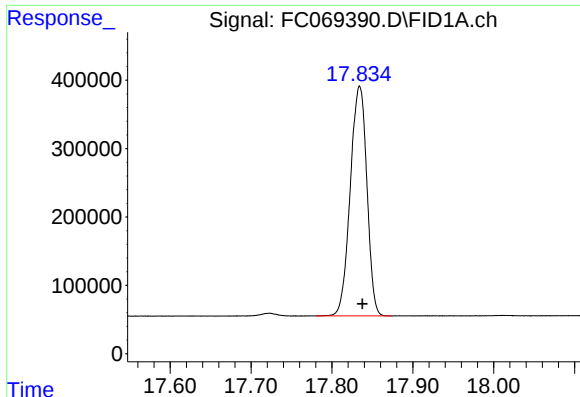
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.003 min
Response: 5298383
Conc: 40.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.944 min
Delta R.T.: -0.005 min
Response: 4991509
Conc: 40.47 ug/ml



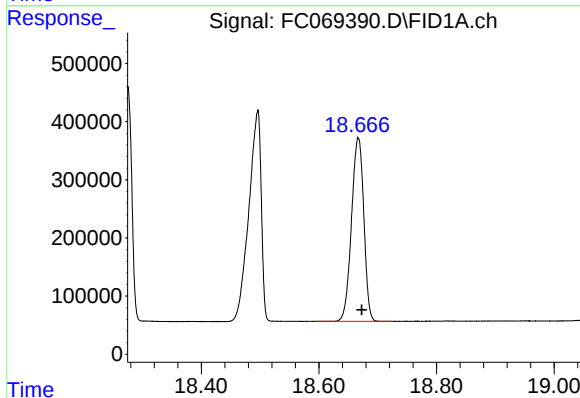
#17 n-Tricontane (C30)

R.T.: 17.834 min
Delta R.T.: -0.004 min
Response: 4799967
Conc: 40.38 ug/ml

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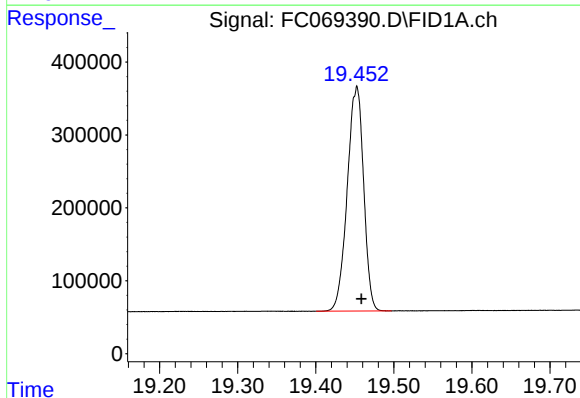
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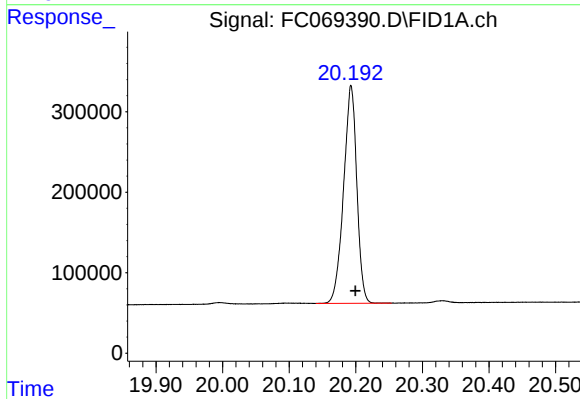
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: -0.006 min
Response: 4575850
Conc: 41.85 ug/ml



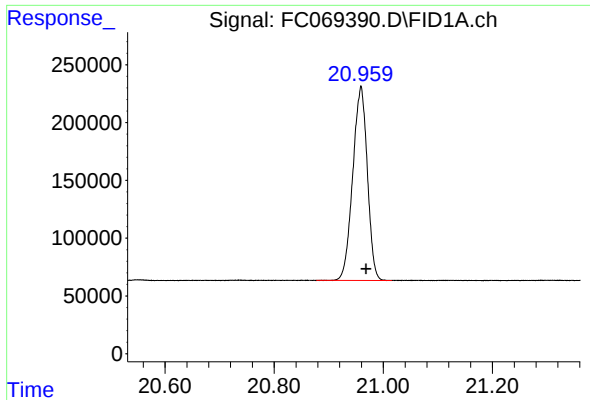
#19 n-Tetratriacontane (C34)

R.T.: 19.452 min
Delta R.T.: -0.006 min
Response: 4484285
Conc: 46.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.193 min
Delta R.T.: -0.007 min
Response: 3732863
Conc: 45.29 ug/ml



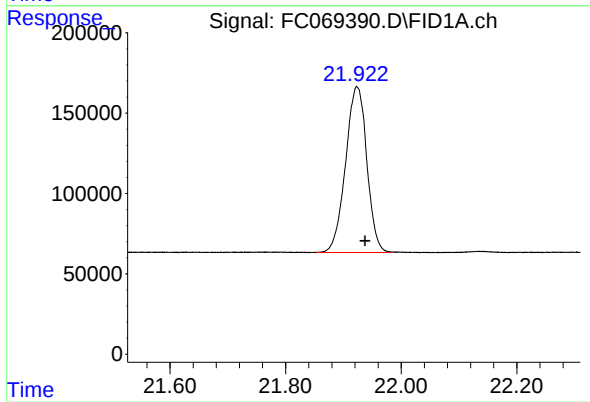
#21 n-Octatriacontane (C38)

R.T.: 20.959 min
Delta R.T.: -0.010 min
Response: 3109542
Conc: 41.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: -0.015 min
Response: 2633914
Conc: 37.19 ug/ml m