

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060525AL\
 Data File : FC069092.D
 Signal(s) : FID1A.ch
 Acq On : 05 Jun 2025 21:00
 Operator : YP/AJ
 Sample : Q2207-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 BU-703-01BMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2025
 Supervised By :mohammad ahmed 06/09/2025

Integration File: autoint1.e
 Quant Time: Jun 06 04:12:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.679	5029170	40.773 ug/ml
Spiked Amount 50.000		Recovery =	81.55%
12) S 1-chlorooctadecane (S...	13.115	4032383	44.947 ug/ml
Spiked Amount 50.000		Recovery =	89.89%
Target Compounds			
1) T n-Nonane (C9)	3.403	2833553	26.701 ug/ml
2) T n-Decane (C10)	4.479	3225892	30.460 ug/mlm
3) T A~Naphthalene (C11.7)	6.073	3887125	33.615 ug/ml
4) T n-Dodecane (C12)	6.505	3414778	32.484 ug/ml
5) T A~2-methylnaphthalene...	7.133	3690447	32.552 ug/ml
6) T n-Tetradecane (C14)	8.306	3531155	34.449 ug/ml
7) T n-Hexadecane (C16)	9.910	3764434	37.100 ug/ml
8) T n-Octadecane (C18)	11.357	3854753	38.569 ug/mlm
10) T n-Eicosane (C20)	12.669	4003077	41.100 ug/ml
11) T n-Heneicosane (C21)	13.282	3858662	40.089 ug/ml
13) T n-Docosane (C22)	13.869	3829488	40.197 ug/ml
14) T n-Tetracosane (C24)	14.963	8066427	85.674 ug/ml
15) T n-Hexacosane (C26)	15.999	3750186	40.393 ug/ml
16) T n-Octacosane (C28)	16.950	3732595	40.156 ug/ml
17) T n-Tricontane (C30)	17.841	3702978	38.271 ug/ml
18) T n-Dotriacontane (C32)	18.675	3726564	37.605 ug/ml
19) T n-Tetratriacontane (C34)	19.460	3863356	40.085 ug/ml
20) T n-Hexatriacontane (C36)	20.202	3800519	40.035 ug/ml
21) T n-Octatriacontane (C38)	20.974	3861957	42.330 ug/ml
22) T n-Tetracontane (C40)	21.942	3758676	42.599 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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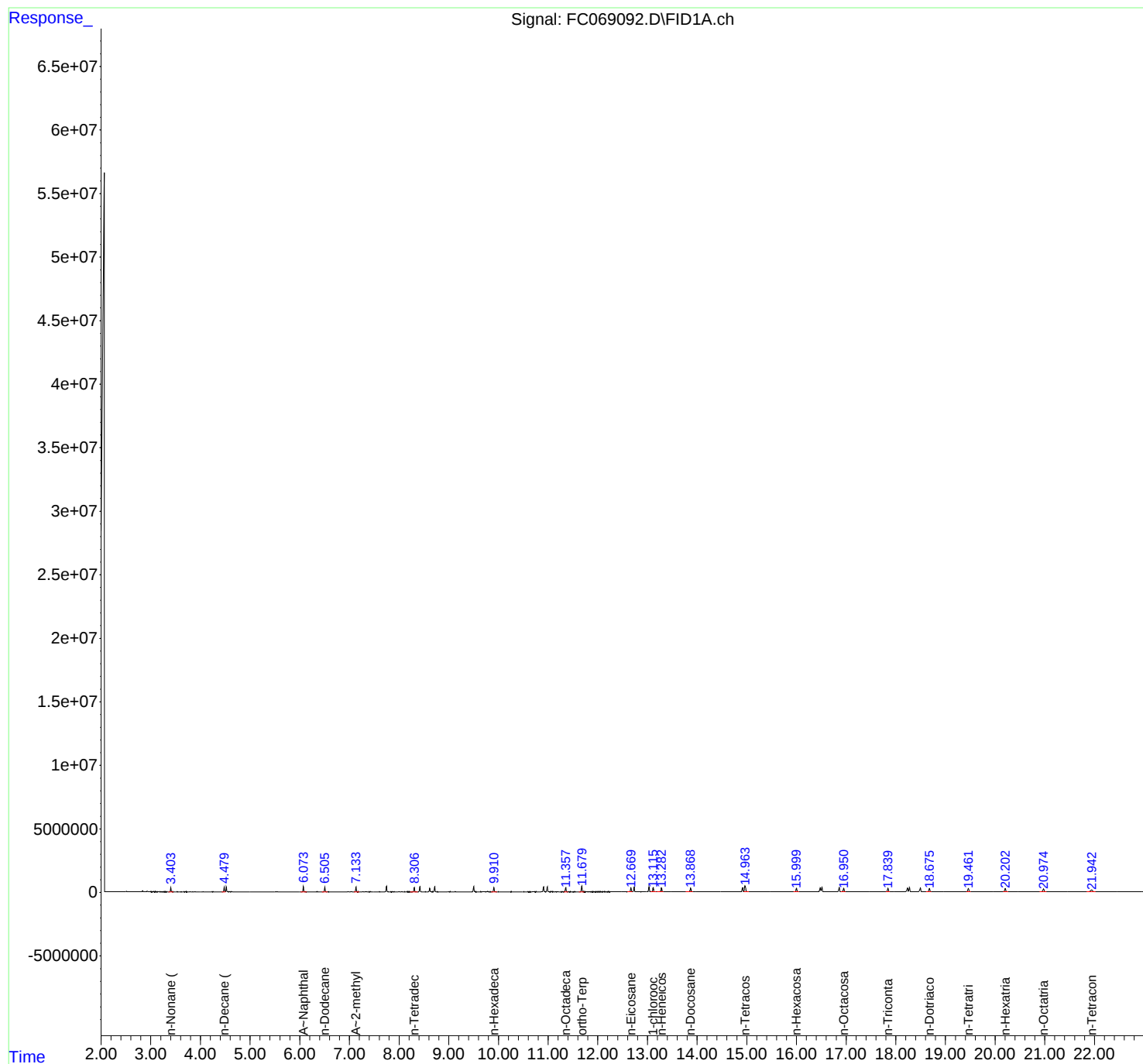
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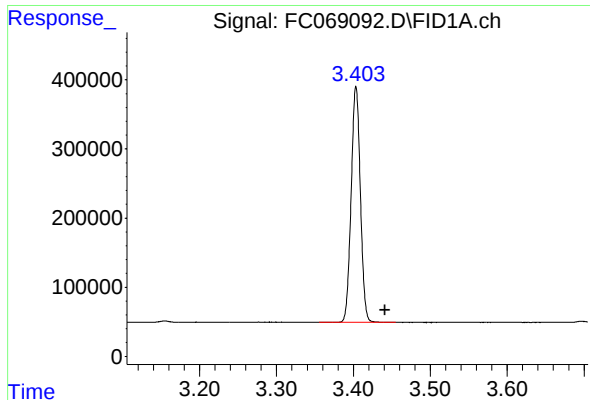
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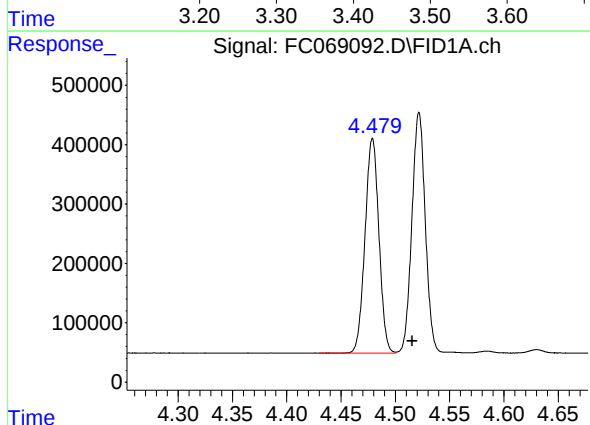
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.038 min
Response: 2833553
Conc: 26.70 ug/ml

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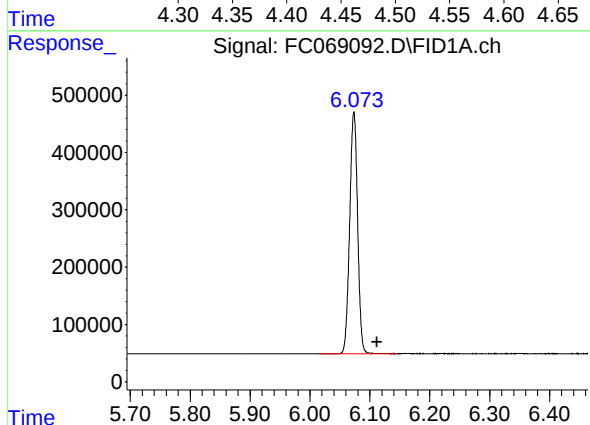
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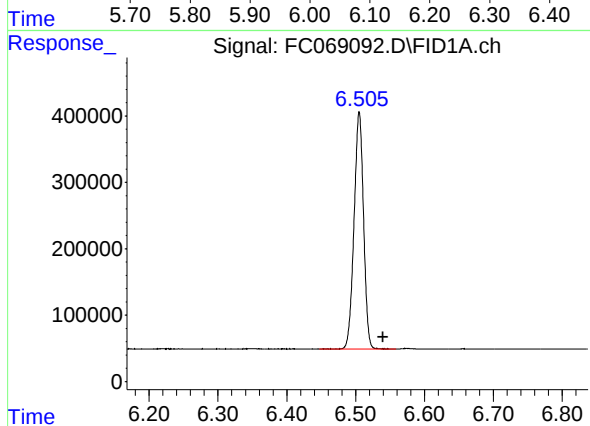
#2 n-Decane (C10)

R.T.: 4.479 min
Delta R.T.: -0.037 min
Response: 3225892
Conc: 30.46 ug/ml



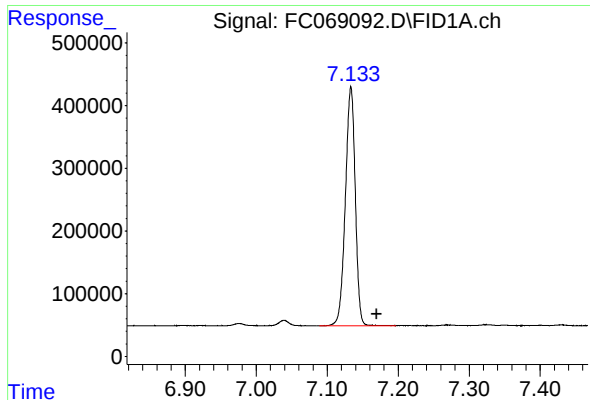
#3 A~Naphthalene (C11.7)

R.T.: 6.073 min
Delta R.T.: -0.039 min
Response: 3887125
Conc: 33.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.505 min
Delta R.T.: -0.035 min
Response: 3414778
Conc: 32.48 ug/ml



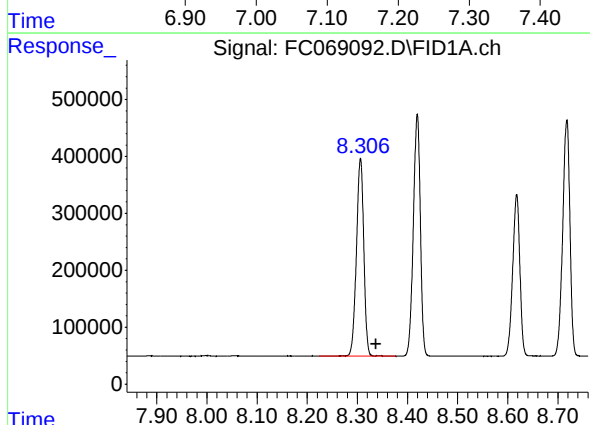
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.133 min
Delta R.T.: -0.037 min
Response: 3690447
Conc: 32.55 ug/ml

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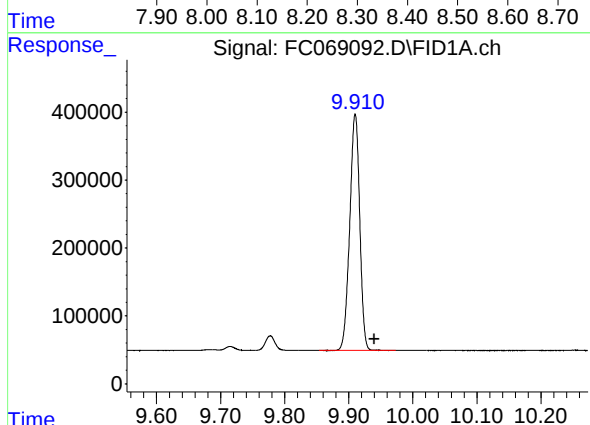
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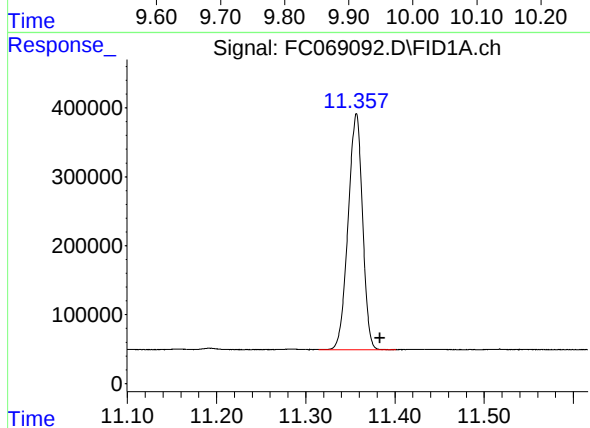
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.031 min
Response: 3531155
Conc: 34.45 ug/ml



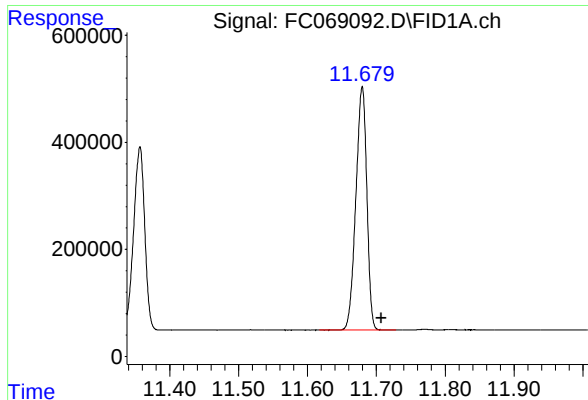
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.030 min
Response: 3764434
Conc: 37.10 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.027 min
Response: 3854753
Conc: 38.57 ug/ml m



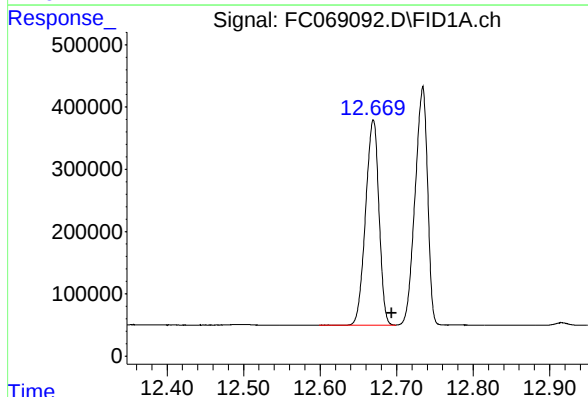
#9 ortho-Terphenyl (SURR)

R.T.: 11.679 min
Delta R.T.: -0.027 min
Response: 5029170
Conc: 40.77 ug/ml

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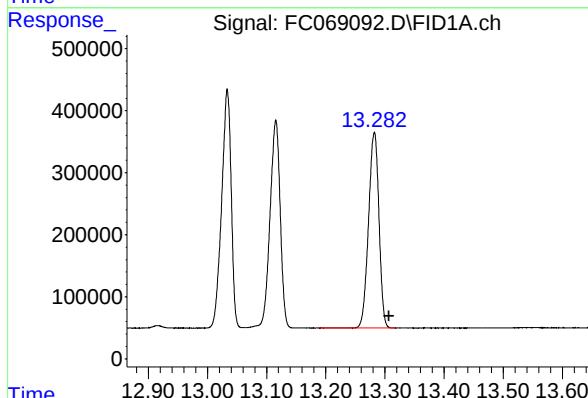
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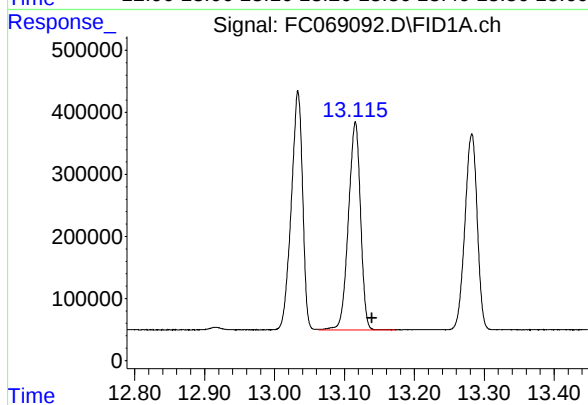
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: -0.024 min
Response: 4003077
Conc: 41.10 ug/ml



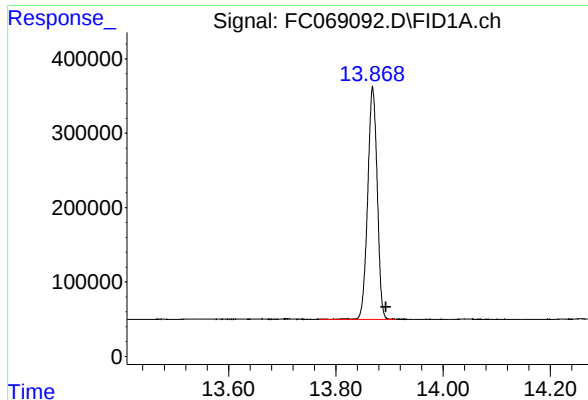
#11 n-Heneicosane (C21)

R.T.: 13.282 min
Delta R.T.: -0.025 min
Response: 3858662
Conc: 40.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.115 min
Delta R.T.: -0.024 min
Response: 4032383
Conc: 44.95 ug/ml



#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: -0.025 min
Response: 3829488
Conc: 40.20 ug/ml

Instrument :

FID_C

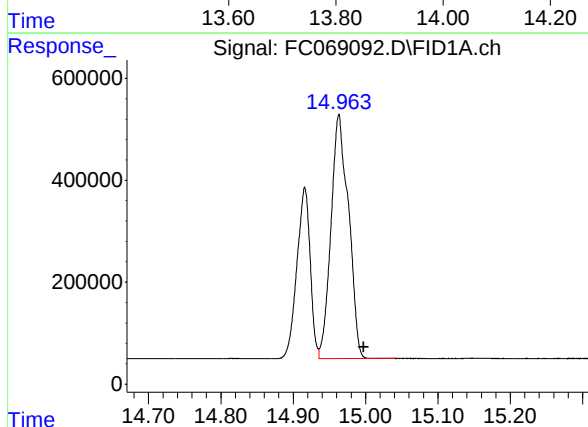
ClientSampleId :

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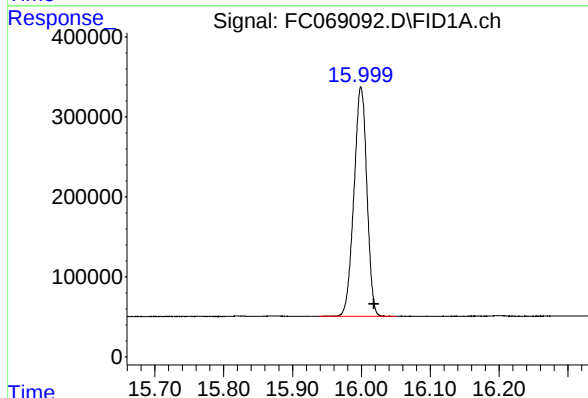
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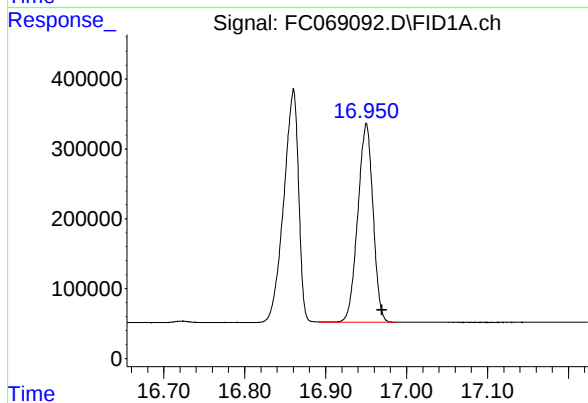
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.034 min
Response: 8066427
Conc: 85.67 ug/ml



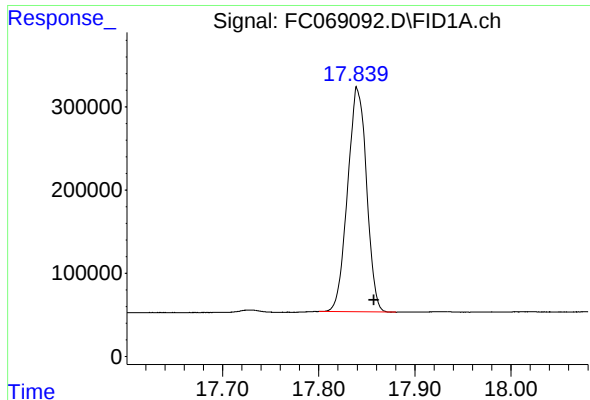
#15 n-Hexacosane (C26)

R.T.: 15.999 min
Delta R.T.: -0.019 min
Response: 3750186
Conc: 40.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.020 min
Response: 3732595
Conc: 40.16 ug/ml



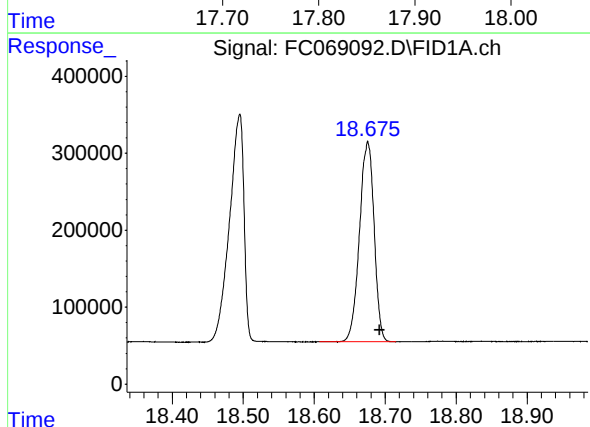
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: -0.017 min
Response: 3702978
Conc: 38.27 ug/ml

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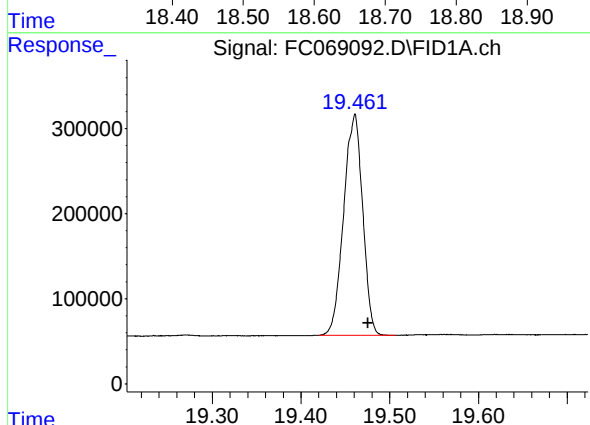
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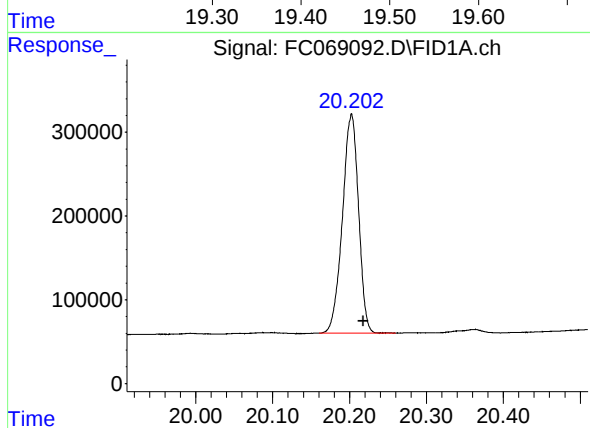
#18 n-Dotriacontane (C32)

R.T.: 18.675 min
Delta R.T.: -0.017 min
Response: 3726564
Conc: 37.60 ug/ml



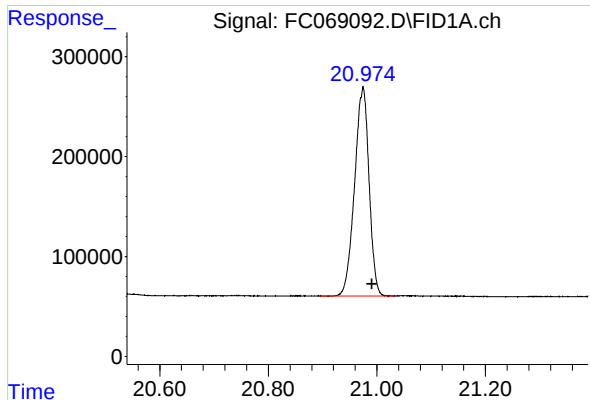
#19 n-Tetatriacontane (C34)

R.T.: 19.460 min
Delta R.T.: -0.016 min
Response: 3863356
Conc: 40.08 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.202 min
Delta R.T.: -0.016 min
Response: 3800519
Conc: 40.04 ug/ml



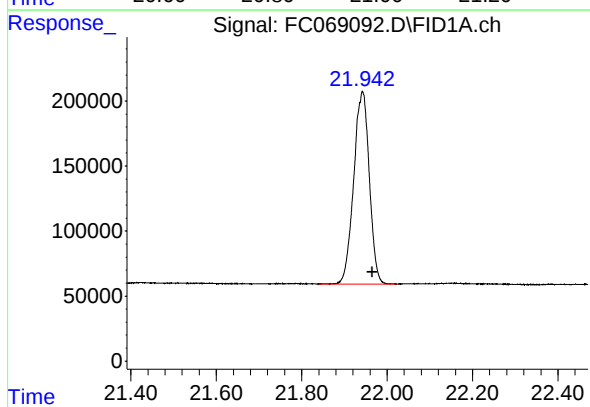
#21 n-Octatriacontane (C38)

R.T.: 20.974 min
Delta R.T.: -0.017 min
Response: 3861957
Conc: 42.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 3758676
Conc: 42.60 ug/ml m