

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069301.D
 Signal(s) : FID1A.ch
 Acq On : 26 Jun 2025 23:27
 Operator : YP/AJ
 Sample : Q2414-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-1MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2025
 Supervised By :mohammad ahmed 06/30/2025

Integration File: sample.E
 Quant Time: Jun 27 01:19:17 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)	11.678	4564691	26.422 ug/ml
Spiked Amount 50.000		Recovery =	52.84%
12) S 1-chlorooctadecane (S...	13.114	3705150	28.361 ug/ml
Spiked Amount 50.000		Recovery =	56.72%
Target Compounds			
1) T n-Nonane (C9)	3.411	3618310	25.442 ug/ml
2) T n-Decane (C10)	4.483	4073441	27.825 ug/ml
3) T A~Naphthalene (C11.7)	6.077	5021399	31.209 ug/ml
4) T n-Dodecane (C12)	6.506	4492604	29.669 ug/ml
5) T A~2-methylnaphthalene...	7.136	4877737	30.823 ug/ml
6) T n-Tetradecane (C14)	8.308	4834209	31.187 ug/ml
7) T n-Hexadecane (C16)	9.911	5157395	31.560 ug/ml
8) T n-Octadecane (C18)	11.356	5119726	31.357 ug/ml
10) T n-Eicosane (C20)	12.668	5118960	33.536 ug/ml
11) T n-Heneicosane (C21)	13.281	4813258	32.656 ug/ml
13) T n-Docosane (C22)	13.868	4701624	32.677 ug/ml
14) T n-Tetracosane (C24)	14.966	9201725	66.712 ug/ml
15) T n-Hexacosane (C26)	15.998	4278475	32.729 ug/ml
16) T n-Octacosane (C28)	16.947	4054493	32.876 ug/ml
17) T n-Tricontane (C30)	17.837	3928180	33.042 ug/ml
18) T n-Dotriacontane (C32)	18.669	3858823	35.293 ug/ml
19) T n-Tetratriacontane (C34)	19.455	3942947	40.831 ug/ml
20) T n-Hexatriacontane (C36)	20.197	3786724	45.948 ug/ml
21) T n-Octatriacontane (C38)	20.966	3844256	51.442 ug/ml
22) T n-Tetracontane (C40)	21.932	3814397	53.863 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

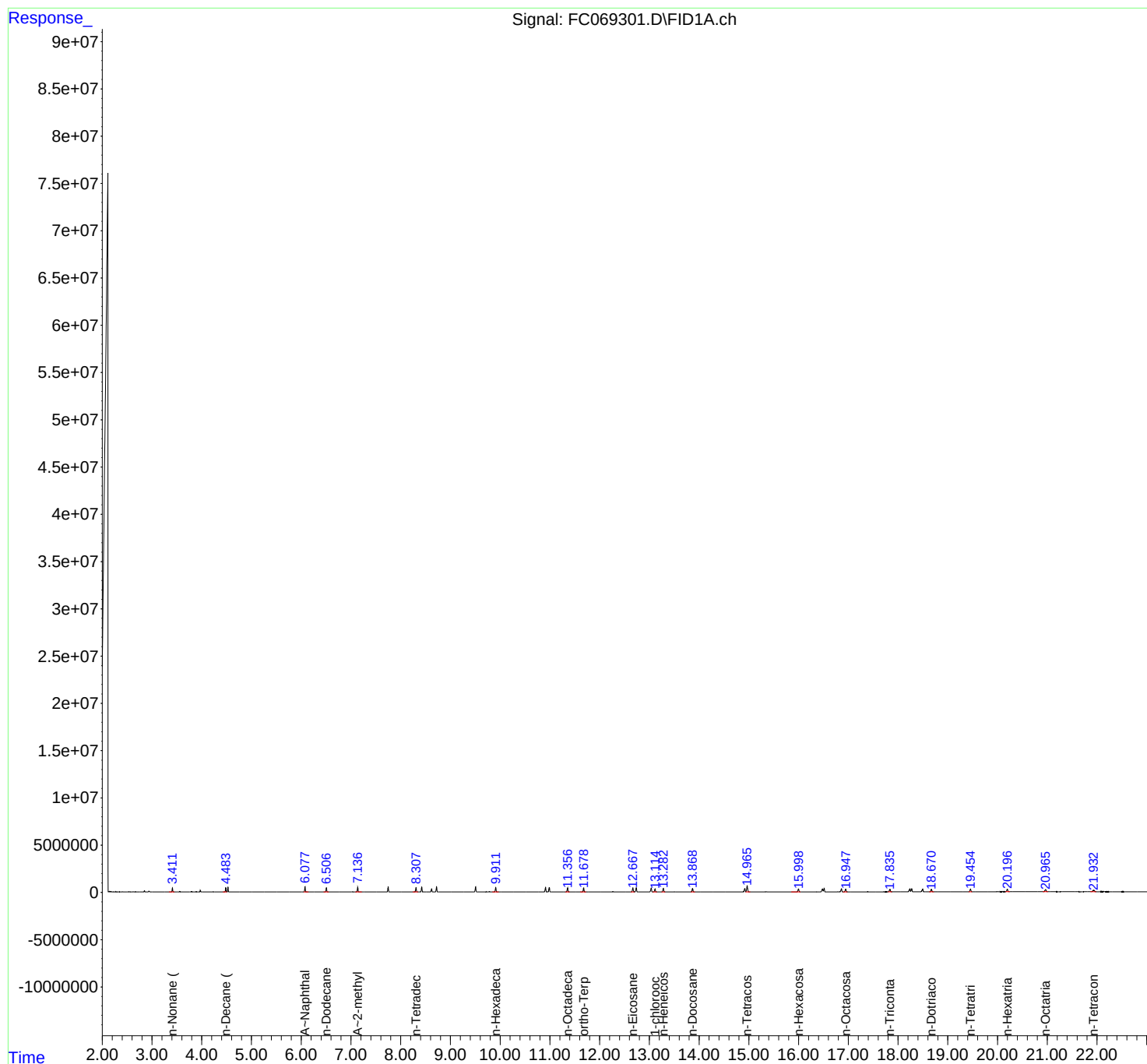
Instrument :
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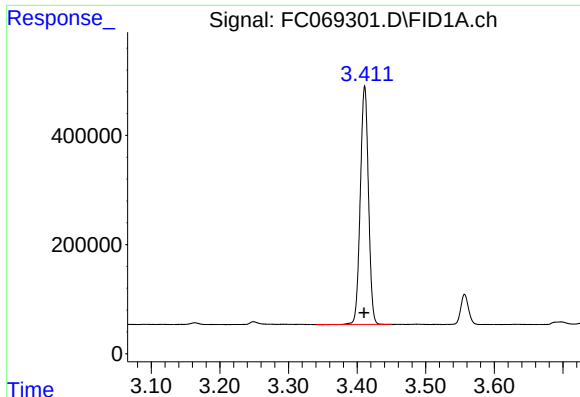
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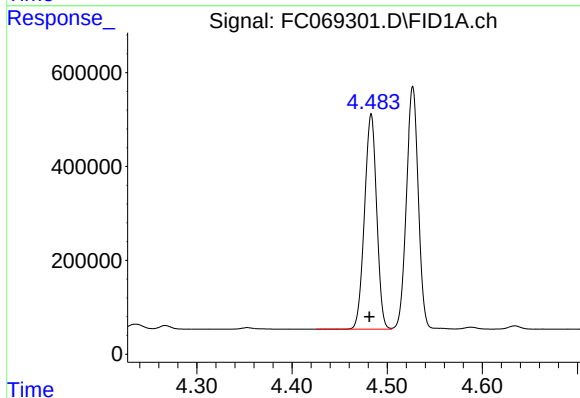
#1 n-Nonane (C9)

R.T.: 3.411 min
Delta R.T.: 0.001 min
Response: 3618310
Conc: 25.44 ug/ml

Instrument :
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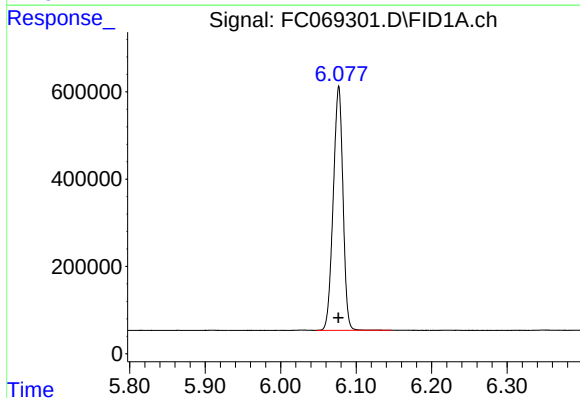
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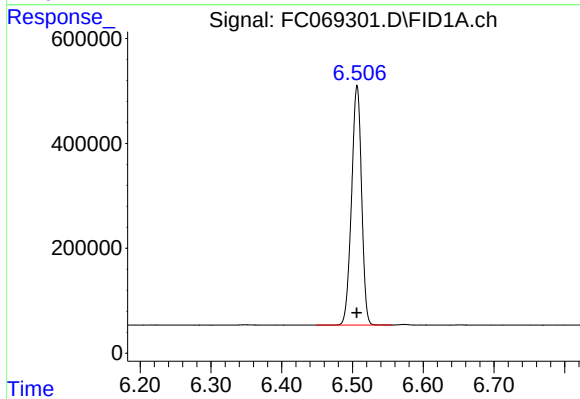
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: 0.002 min
Response: 4073441
Conc: 27.82 ug/ml



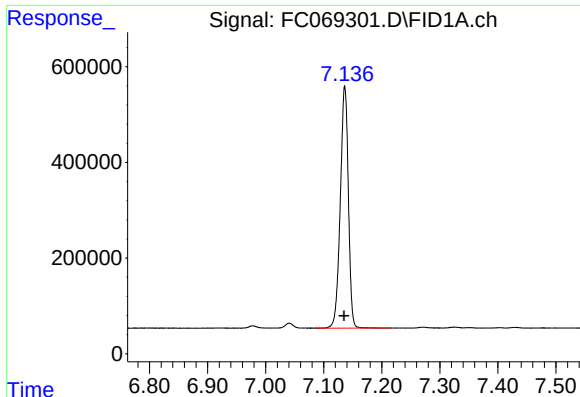
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 5021399
Conc: 31.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.506 min
Delta R.T.: 0.000 min
Response: 4492604
Conc: 29.67 ug/ml



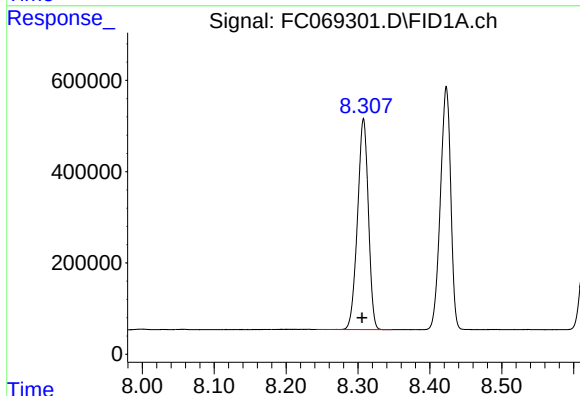
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: 0.001 min
Response: 4877737
Conc: 30.82 ug/ml

Instrument :
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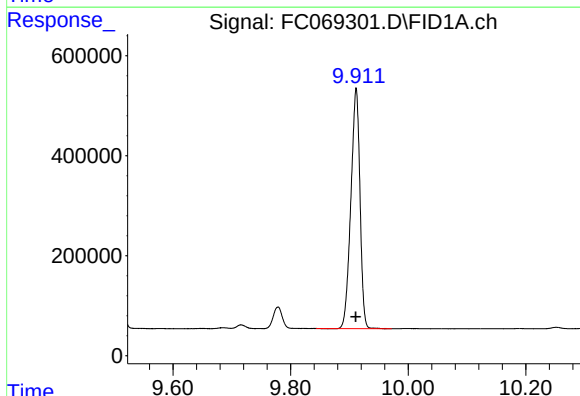
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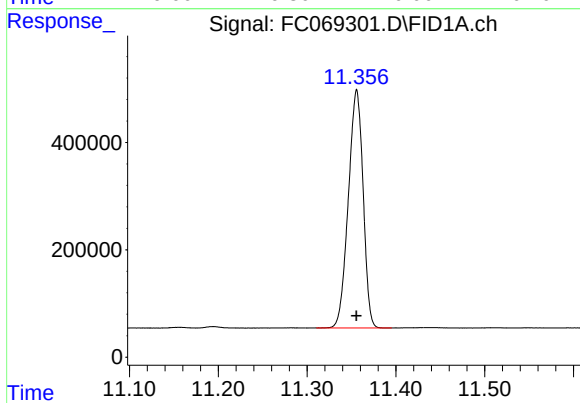
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: 0.002 min
Response: 4834209
Conc: 31.19 ug/ml



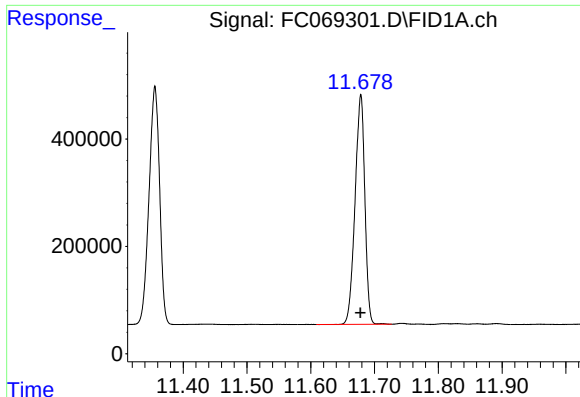
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: 0.000 min
Response: 5157395
Conc: 31.56 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 5119726
Conc: 31.36 ug/ml



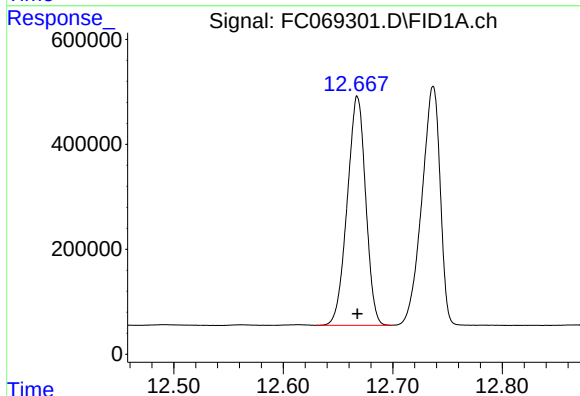
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 4564691
Conc: 26.42 ug/ml

Instrument :
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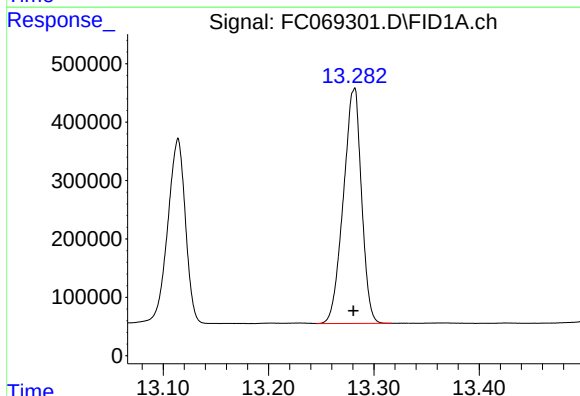
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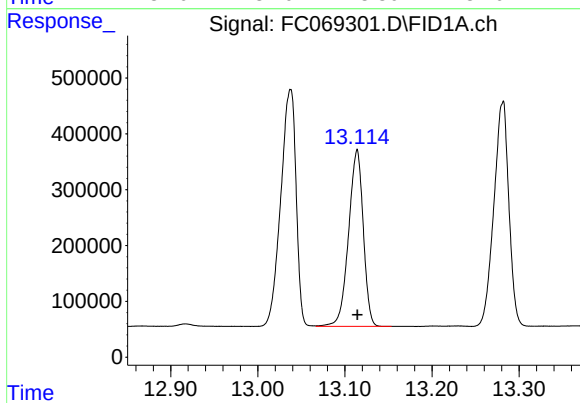
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: 0.000 min
Response: 5118960
Conc: 33.54 ug/ml



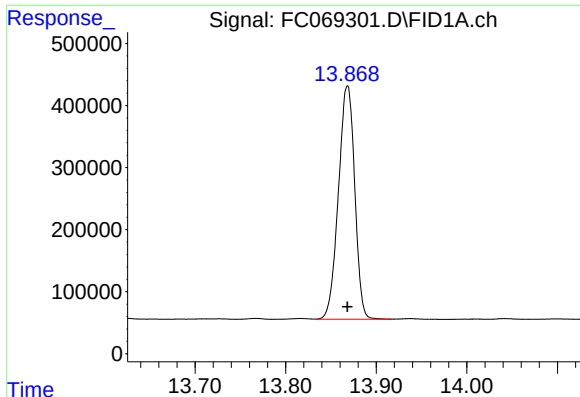
#11 n-Heneicosane (C21)

R.T.: 13.281 min
Delta R.T.: 0.000 min
Response: 4813258
Conc: 32.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 3705150
Conc: 28.36 ug/ml



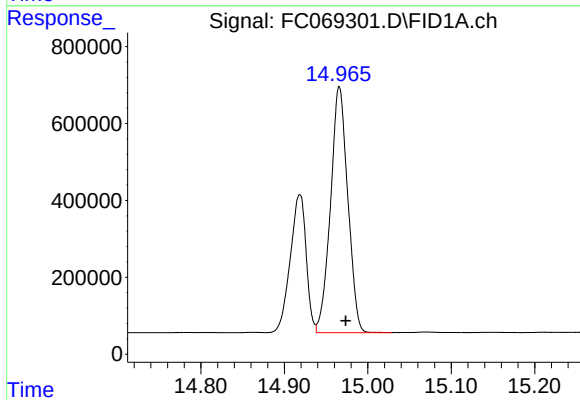
#13 n-Docosane (C22)

R.T.: 13.868 min
Delta R.T.: 0.000 min
Response: 4701624
Conc: 32.68 ug/ml

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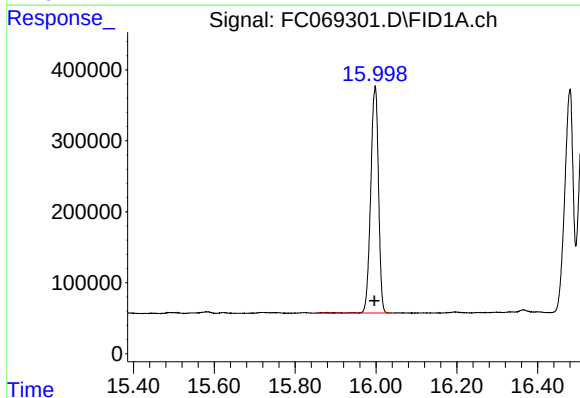
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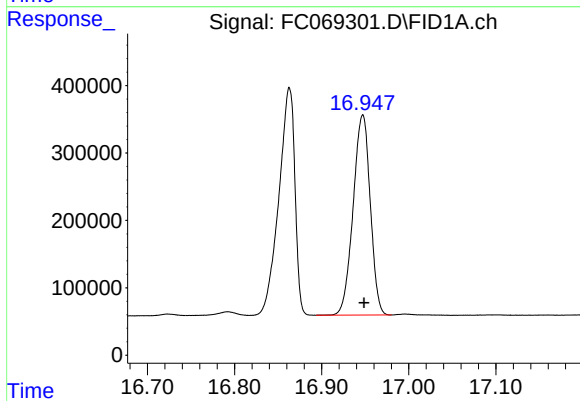
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: -0.008 min
Response: 9201725
Conc: 66.71 ug/ml



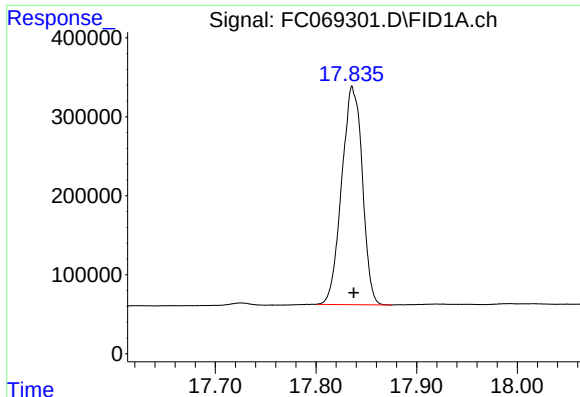
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.001 min
Response: 4278475
Conc: 32.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.947 min
Delta R.T.: -0.002 min
Response: 4054493
Conc: 32.88 ug/ml



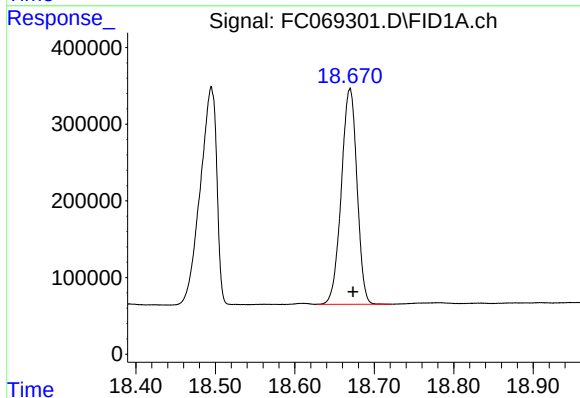
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 3928180
Conc: 33.04 ug/ml

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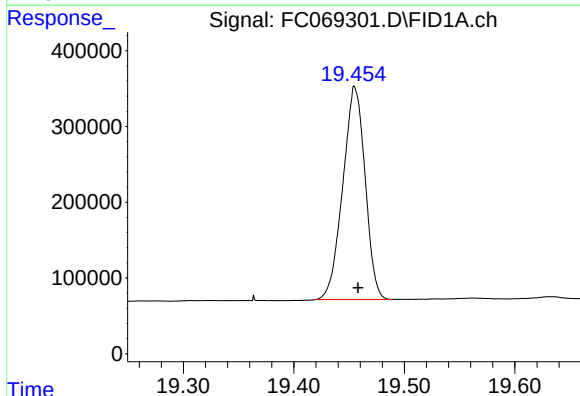
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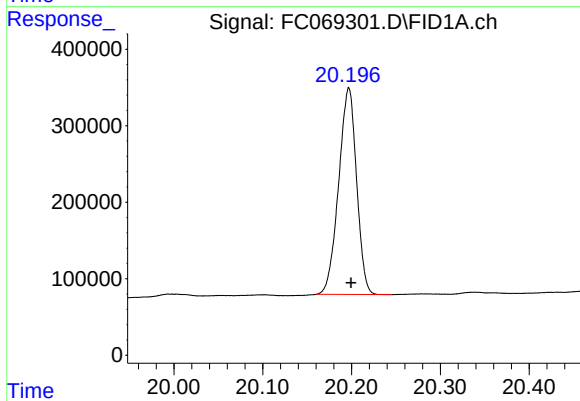
#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: -0.004 min
Response: 3858823
Conc: 35.29 ug/ml



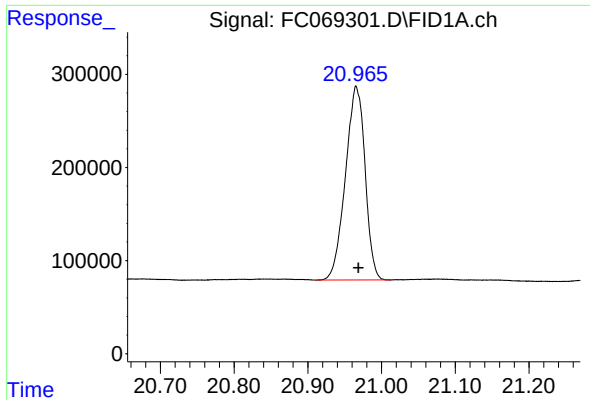
#19 n-Tetratriacontane (C34)

R.T.: 19.455 min
Delta R.T.: -0.003 min
Response: 3942947
Conc: 40.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.003 min
Response: 3786724
Conc: 45.95 ug/ml



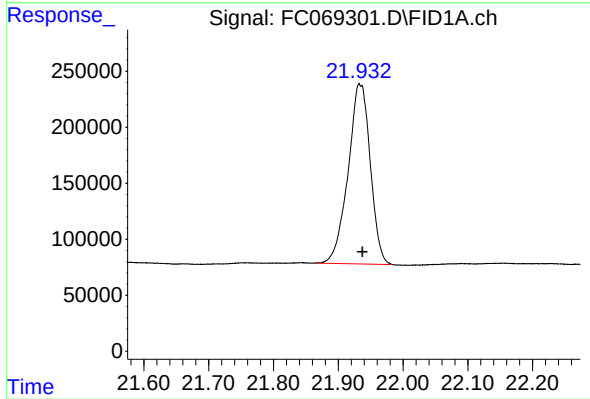
#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: -0.003 min
Response: 3844256
Conc: 51.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.932 min
Delta R.T.: -0.005 min
Response: 3814397
Conc: 53.86 ug/ml m