

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092525AL\
 Data File : FC069845.D
 Signal(s) : FID1A.ch
 Acq On : 26 Sep 2025 01:21
 Operator : YP/AJ
 Sample : EPH CARTRIDGES #1
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 EPH CARTRIDGES #1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2025
 Supervised By :Sohil Jodhani 09/26/2025

Integration File: autoint1.e
 Quant Time: Sep 26 07:23:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092325.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 23 14:56:40 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			
12) S 1-chlorooctadecane (S...	13.094	3995394	25.300 ug/mlm
Spiked Amount 50.000		Recovery =	50.60%
Target Compounds			
1) T n-Nonane (C9)	3.401	2013540	15.707 ug/ml
2) T n-Decane (C10)	4.472	2647410	19.923 ug/ml
4) T n-Dodecane (C12)	6.494	3492934	25.039 ug/ml
6) T n-Tetradecane (C14)	8.291	4114544	27.741 ug/ml
7) T n-Hexadecane (C16)	9.894	4843907	29.352 ug/ml
8) T n-Octadecane (C18)	11.338	5423066	30.429 ug/ml
10) T n-Eicosane (C20)	12.649	5890376	32.704 ug/ml
11) T n-Heneicosane (C21)	13.262	5631995	31.234 ug/ml
13) T n-Docosane (C22)	13.849	5667318	31.195 ug/ml
14) T n-Tetracosane (C24)	14.953	5592455	30.393 ug/ml
15) T n-Hexacosane (C26)	15.975	5380057	29.632 ug/ml
16) T n-Octacosane (C28)	16.925	5112524	28.961 ug/ml
17) T n-Tricontane (C30)	17.814	4989617	28.507 ug/ml
18) T n-Dotriacontane (C32)	18.647	4688879	28.982 ug/ml
19) T n-Tetratriacontane (C34)	19.431	4465847	31.955 ug/ml
20) T n-Hexatriacontane (C36)	20.171	4051403	35.885 ug/ml
21) T n-Octatriacontane (C38)	20.933	3801573	39.408 ug/ml
22) T n-Tetracontane (C40)	21.890	3513987	40.800 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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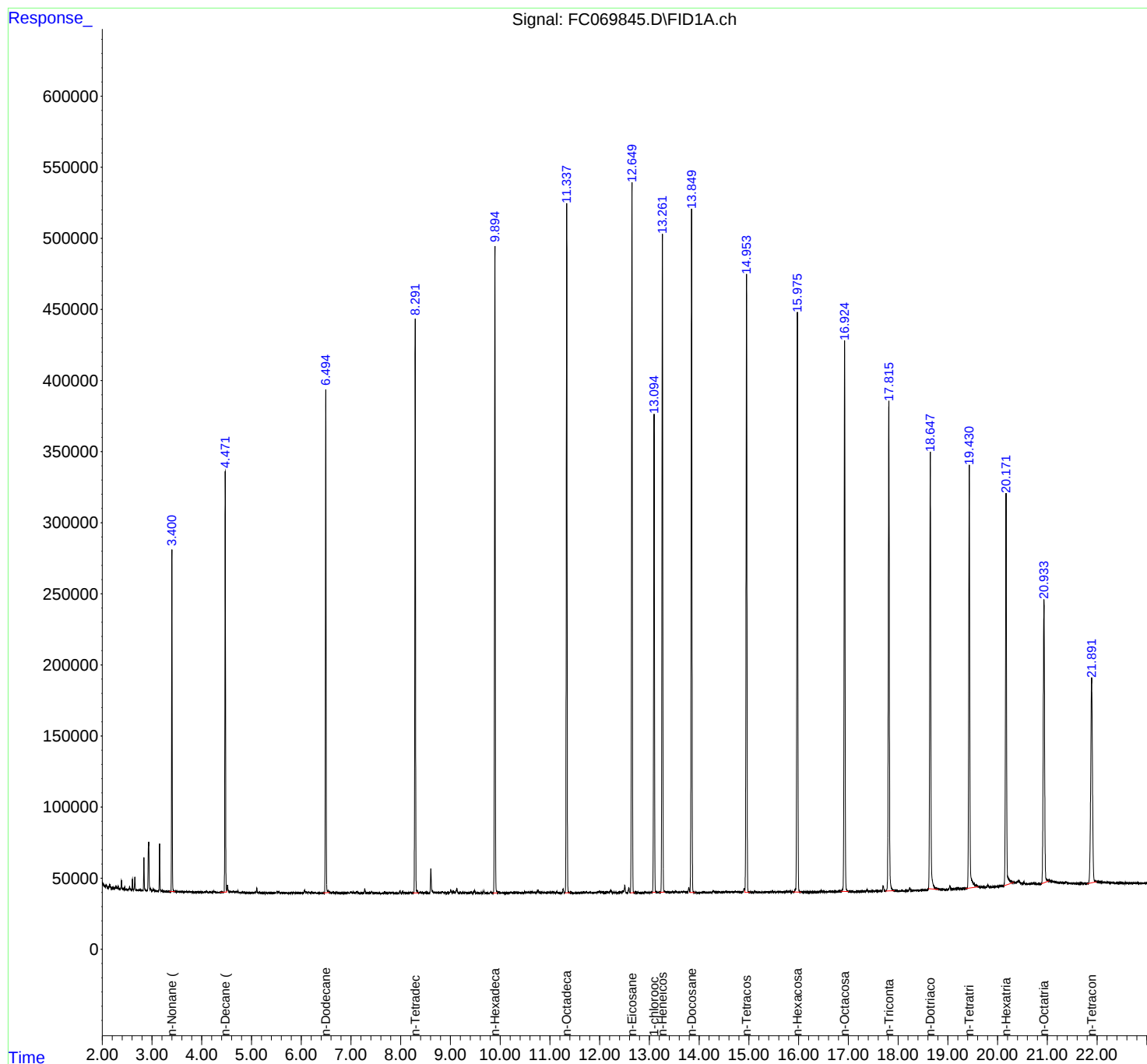
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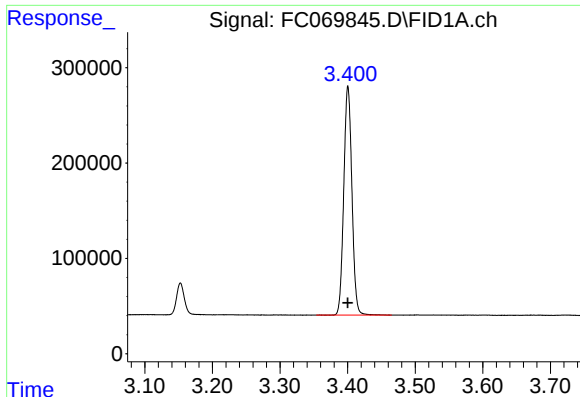
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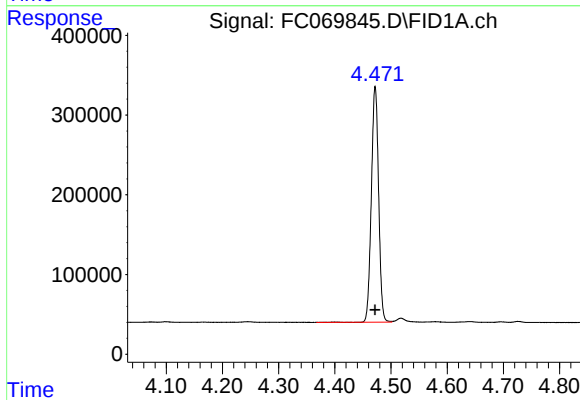
#1 n-Nonane (C9)

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 2013540
Conc: 15.71 ug/ml

Instrument :
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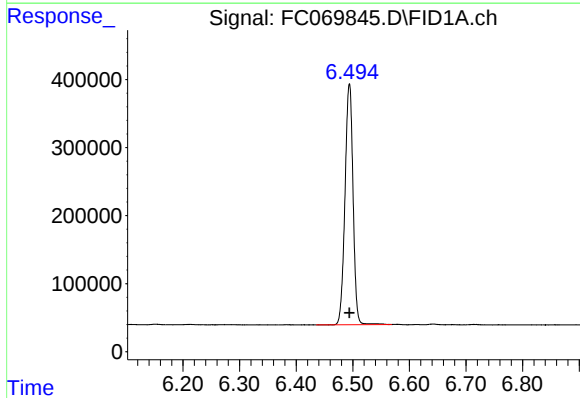
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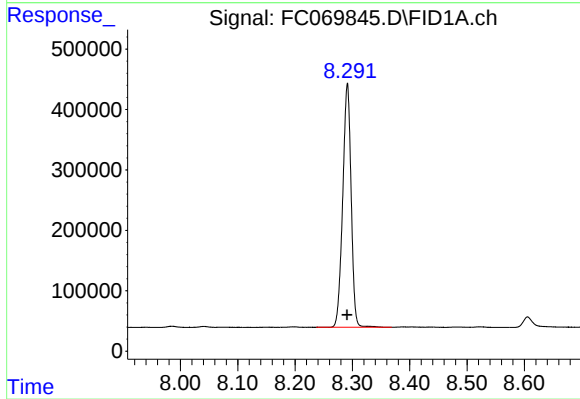
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2647410
Conc: 19.92 ug/ml



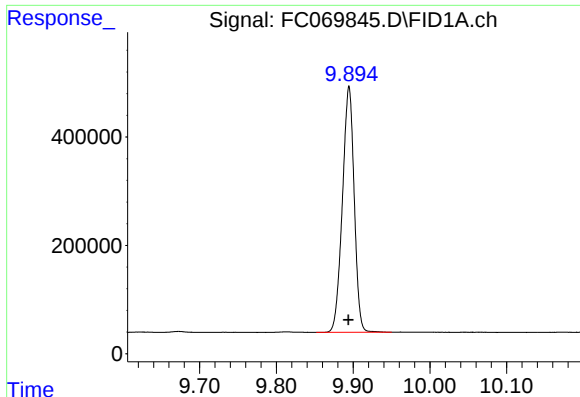
#4 n-Dodecane (C12)

R.T.: 6.494 min
Delta R.T.: 0.000 min
Response: 3492934
Conc: 25.04 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: 0.000 min
Response: 4114544
Conc: 27.74 ug/ml



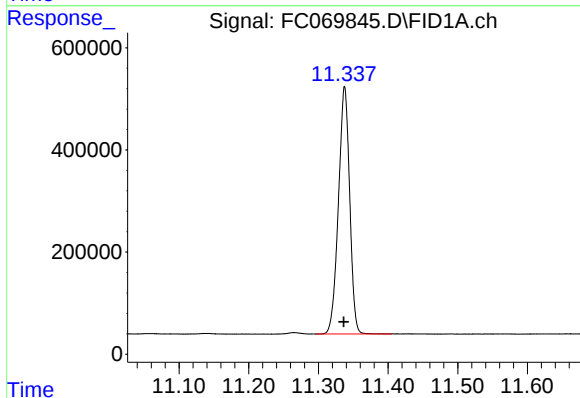
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: 0.000 min
Response: 4843907
Conc: 29.35 ug/ml

Instrument :
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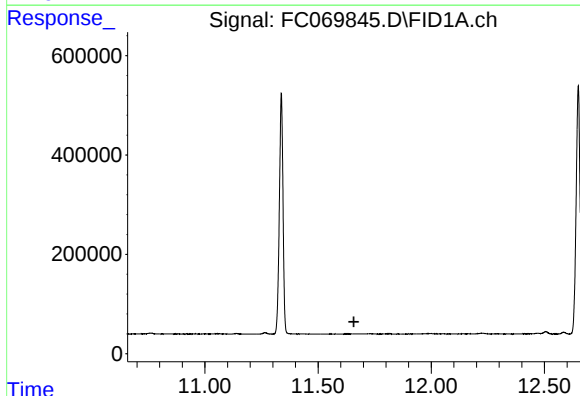
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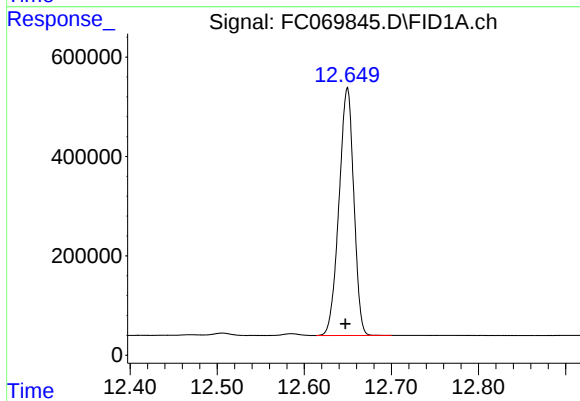
#8 n-Octadecane (C18)

R.T.: 11.338 min
Delta R.T.: 0.001 min
Response: 5423066
Conc: 30.43 ug/ml



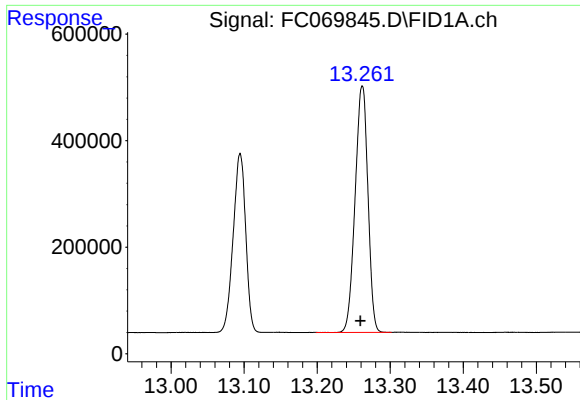
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.658 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.649 min
Delta R.T.: 0.002 min
Response: 5890376
Conc: 32.70 ug/ml



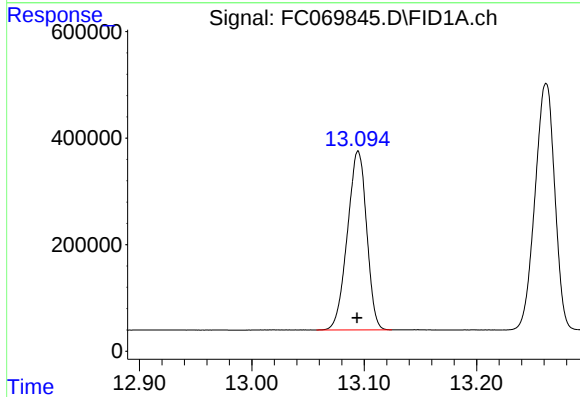
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: 0.002 min
Response: 5631995
Conc: 31.23 ug/ml

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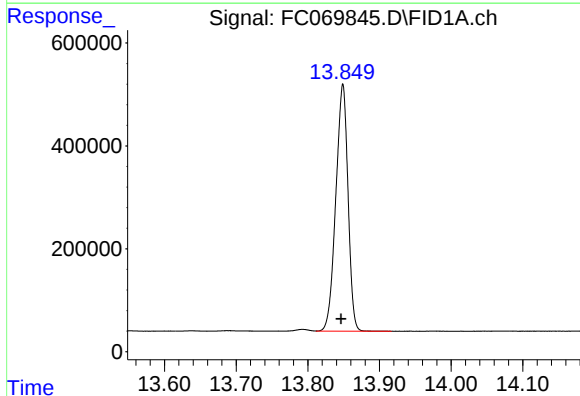
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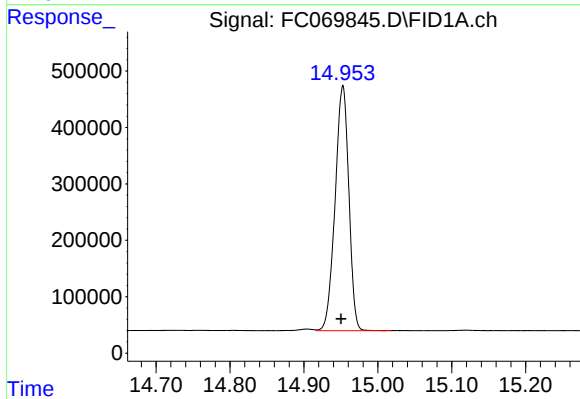
#12 1-chlorooctadecane (SURR)

R.T.: 13.094 min
Delta R.T.: 0.000 min
Response: 3995394
Conc: 25.30 ug/ml m



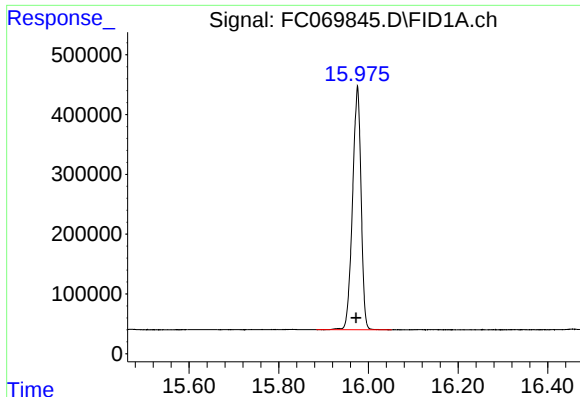
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: 0.002 min
Response: 5667318
Conc: 31.19 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.002 min
Response: 5592455
Conc: 30.39 ug/ml



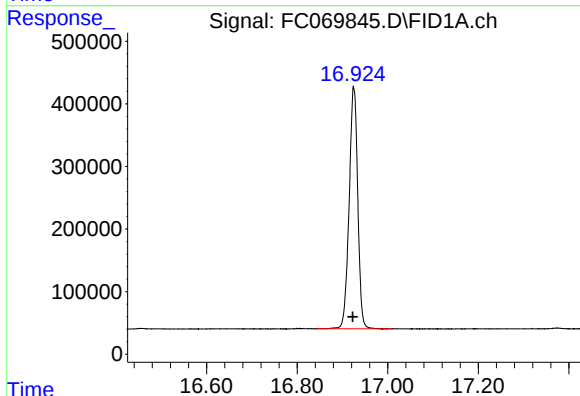
#15 n-Hexacosane (C26)

R.T.: 15.975 min
Delta R.T.: 0.003 min
Response: 5380057
Conc: 29.63 ug/ml

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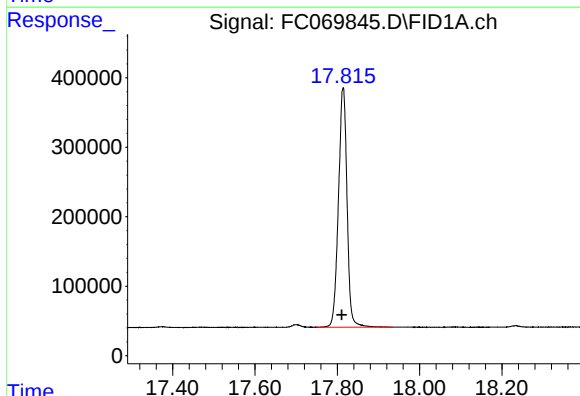
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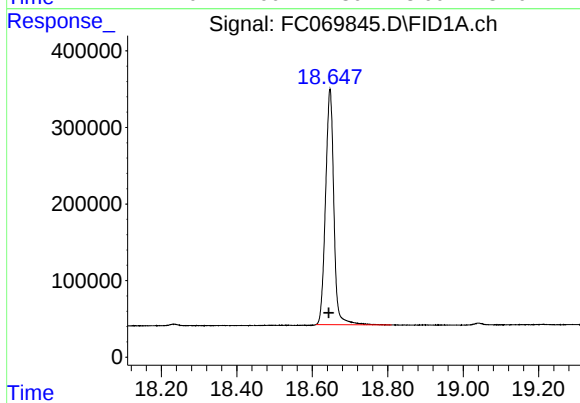
#16 n-Octacosane (C28)

R.T.: 16.925 min
Delta R.T.: 0.003 min
Response: 5112524
Conc: 28.96 ug/ml



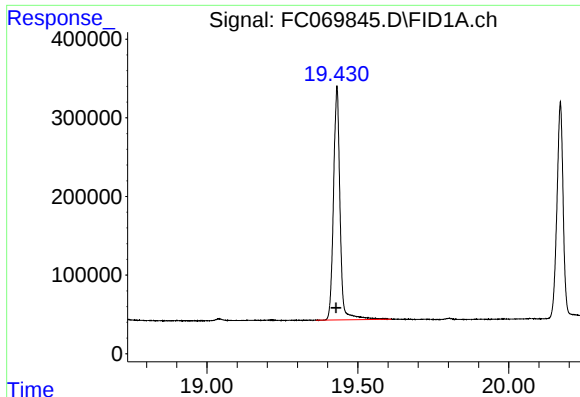
#17 n-Tricontane (C30)

R.T.: 17.814 min
Delta R.T.: 0.003 min
Response: 4989617
Conc: 28.51 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: 0.003 min
Response: 4688879
Conc: 28.98 ug/ml



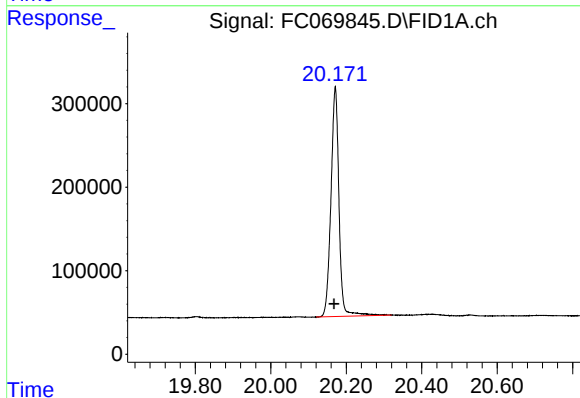
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: 0.003 min
Response: 4465847
Conc: 31.96 ug/ml

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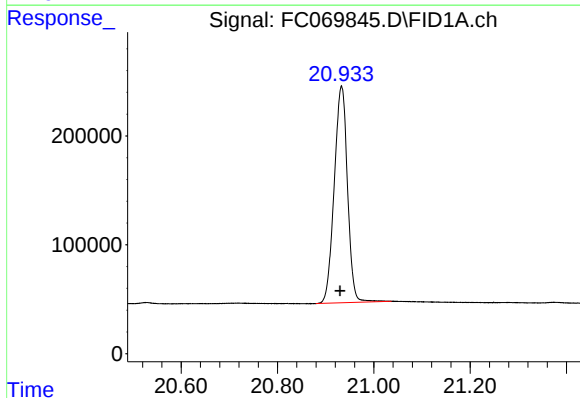
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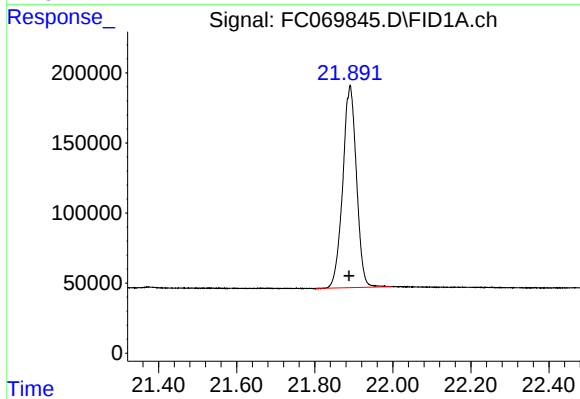
#20 n-Hexatriacontane (C36)

R.T.: 20.171 min
Delta R.T.: 0.003 min
Response: 4051403
Conc: 35.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: 0.003 min
Response: 3801573
Conc: 39.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.890 min
Delta R.T.: 0.003 min
Response: 3513987
Conc: 40.80 ug/ml