

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013125AL\
 Data File : FC068169.D
 Signal(s) : FID1A.ch
 Acq On : 31 Jan 2025 18:31
 Operator : YP/AJ
 Sample : Q1237-06MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 HL2PX6MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File: autoint1.e
 Quant Time: Jan 31 22:17:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:31:18 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)	11.424	5207914	33.327 ug/ml
Spiked Amount 50.000		Recovery =	66.65%
12) S 1-chlorooctadecane (S...	12.864	3971956	34.538 ug/ml
Spiked Amount 50.000		Recovery =	69.08%
Target Compounds			
1) T n-Nonane (C9)	3.231	3485595	25.455 ug/ml
2) T n-Decane (C10)	4.288	4109845	29.603 ug/ml
3) T A~Naphthalene (C11.7)	5.855	5036396	33.548 ug/ml
4) T n-Dodecane (C12)	6.295	4570121	32.714 ug/ml
5) T A~2-methylnaphthalene...	6.907	4828212	33.615 ug/ml
6) T n-Tetradecane (C14)	8.085	4895280	35.869 ug/ml
7) T n-Hexadecane (C16)	9.679	5117523	36.830 ug/ml
8) T n-Octadecane (C18)	11.117	4965636	35.490 ug/mlm
10) T n-Eicosane (C20)	12.424	5037107	37.646 ug/ml
11) T n-Heneicosane (C21)	13.034	4794029	36.501 ug/mlm
13) T n-Docosane (C22)	13.619	4750739	36.675 ug/ml
14) T n-Tetracosane (C24)	14.680	9787626	76.236 ug/mlm
15) T n-Hexacosane (C26)	15.737	4612062	36.651 ug/mlm
16) T n-Octacosane (C28)	16.684	4596631	36.752 ug/mlm
17) T n-Tricontane (C30)	17.570	4598194	35.575 ug/mlm
18) T n-Dotriacontane (C32)	18.401	4483234	35.863 ug/ml
19) T n-Tetratriacontane (C34)	19.183	4458736	41.104 ug/ml
20) T n-Hexatriacontane (C36)	19.922	4134875	44.680 ug/ml
21) T n-Octatriacontane (C38)	20.635	4001660	46.700 ug/ml
22) T n-Tetracontane (C40)	21.493	3883302	48.025 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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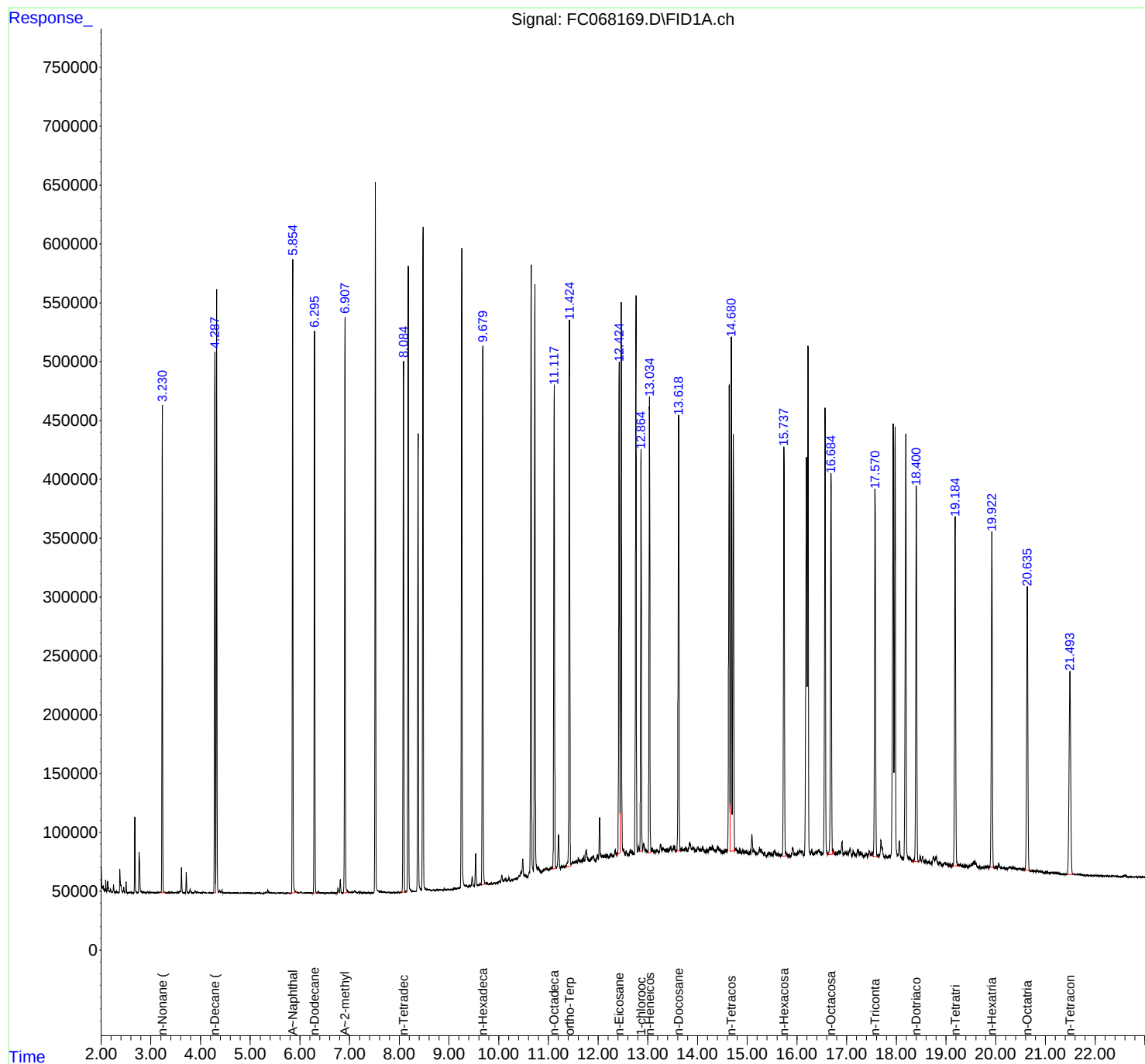
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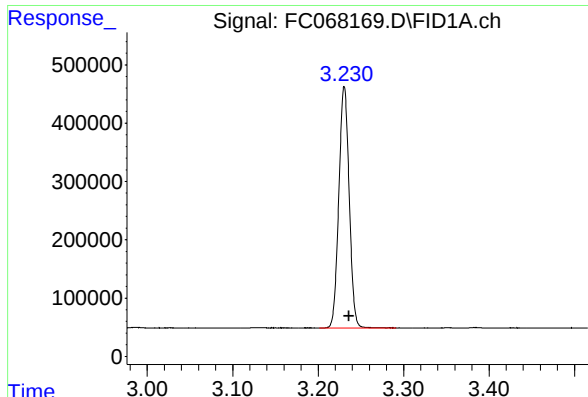
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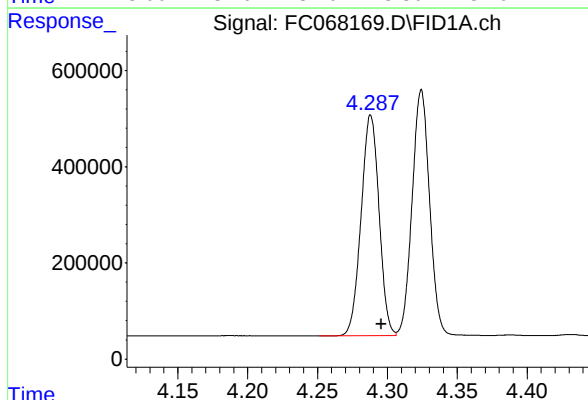
#1 n-Nonane (C9)

R.T.: 3.231 min
Delta R.T.: -0.005 min
Response: 3485595
Conc: 25.45 ug/ml

Instrument :
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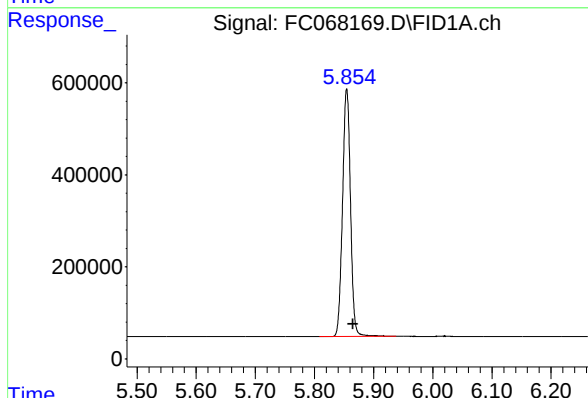
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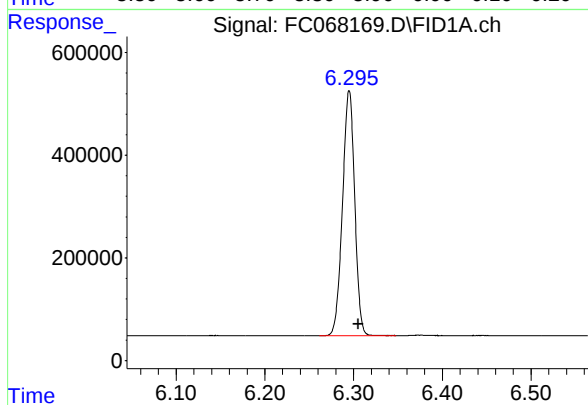
#2 n-Decane (C10)

R.T.: 4.288 min
Delta R.T.: -0.007 min
Response: 4109845
Conc: 29.60 ug/ml



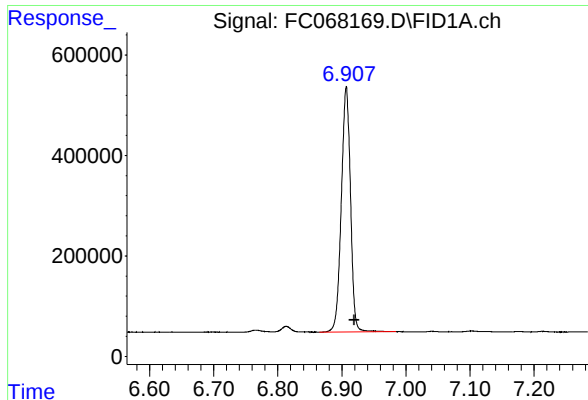
#3 A~Naphthalene (C11.7)

R.T.: 5.855 min
Delta R.T.: -0.010 min
Response: 5036396
Conc: 33.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.295 min
Delta R.T.: -0.011 min
Response: 4570121
Conc: 32.71 ug/ml



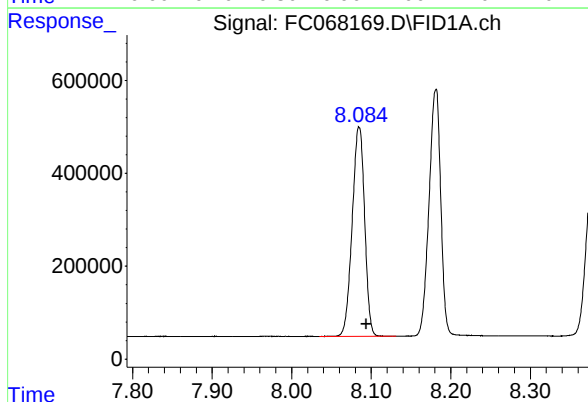
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.907 min
Delta R.T.: -0.012 min
Response: 4828212
Conc: 33.62 ug/ml

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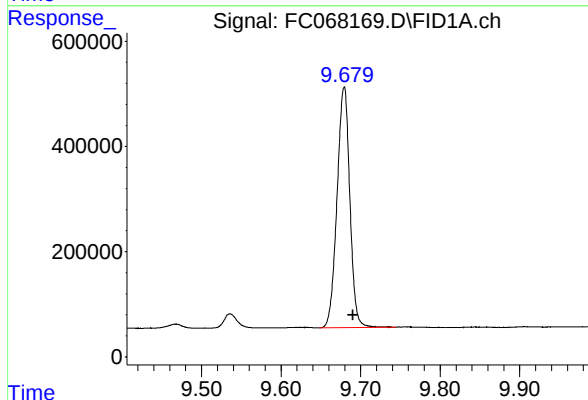
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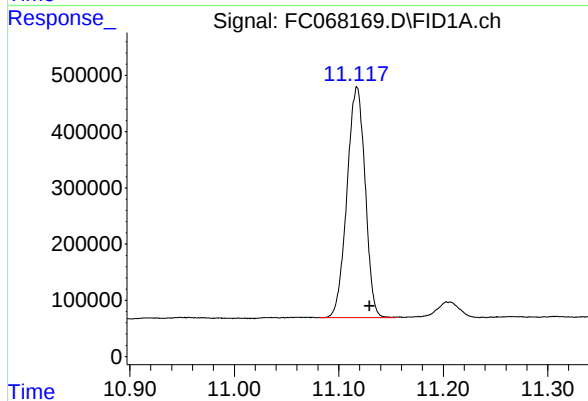
#6 n-Tetradecane (C14)

R.T.: 8.085 min
Delta R.T.: -0.009 min
Response: 4895280
Conc: 35.87 ug/ml



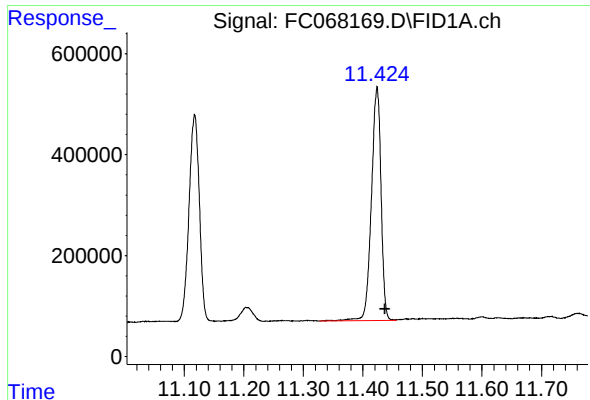
#7 n-Hexadecane (C16)

R.T.: 9.679 min
Delta R.T.: -0.011 min
Response: 5117523
Conc: 36.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.117 min
Delta R.T.: -0.013 min
Response: 4965636
Conc: 35.49 ug/ml m



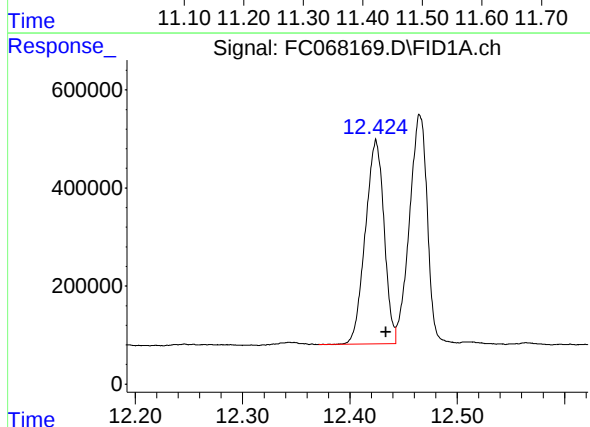
#9 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.014 min
Response: 5207914
Conc: 33.33 ug/ml

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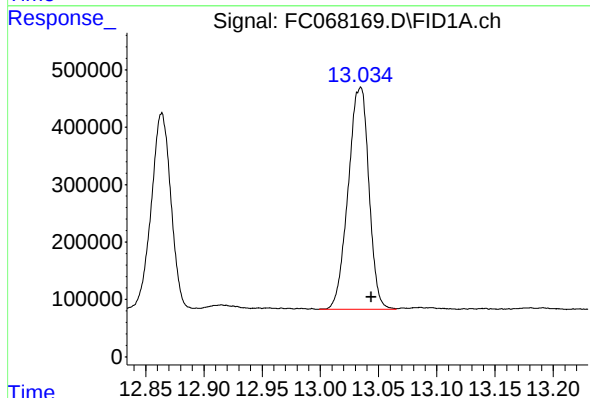
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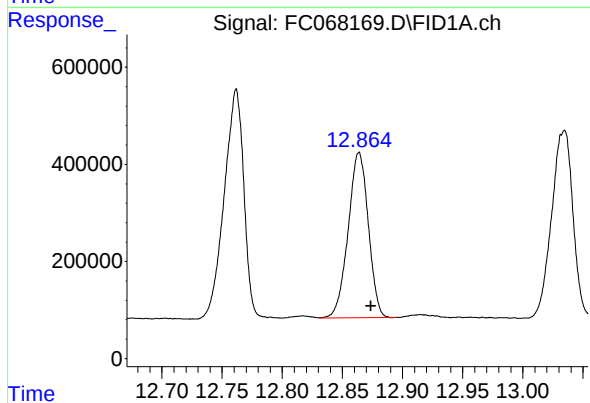
#10 n-Eicosane (C20)

R.T.: 12.424 min
Delta R.T.: -0.010 min
Response: 5037107
Conc: 37.65 ug/ml



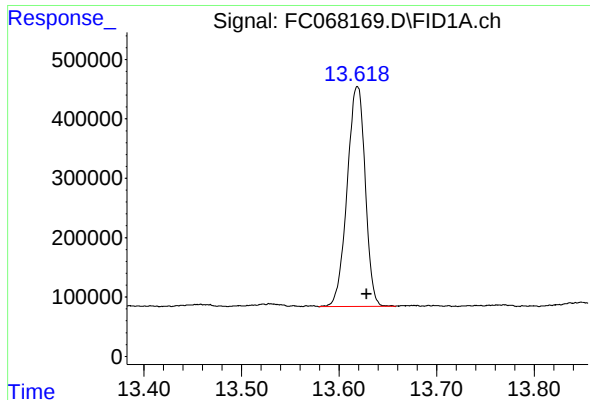
#11 n-Heneicosane (C21)

R.T.: 13.034 min
Delta R.T.: -0.009 min
Response: 4794029
Conc: 36.50 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 12.864 min
Delta R.T.: -0.010 min
Response: 3971956
Conc: 34.54 ug/ml



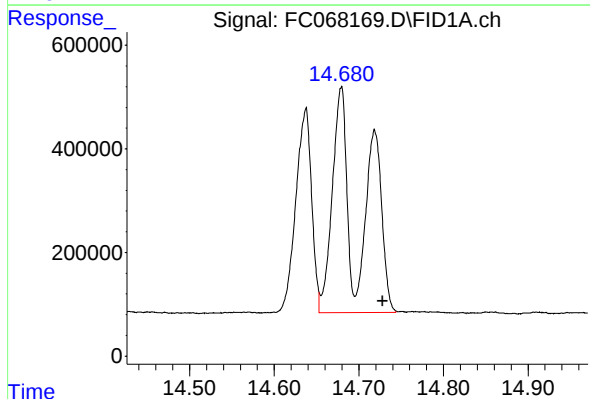
#13 n-Docosane (C22)

R.T.: 13.619 min
Delta R.T.: -0.010 min
Response: 4750739
Conc: 36.68 ug/ml

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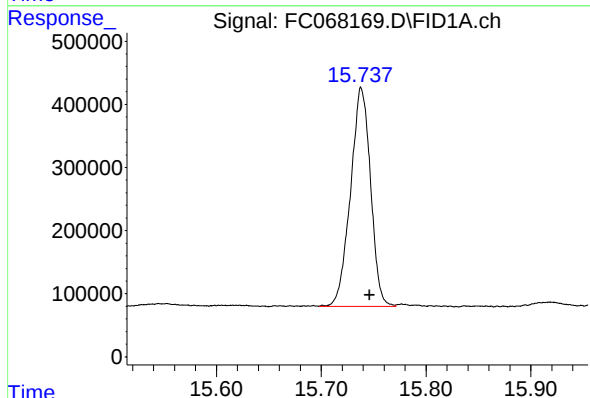
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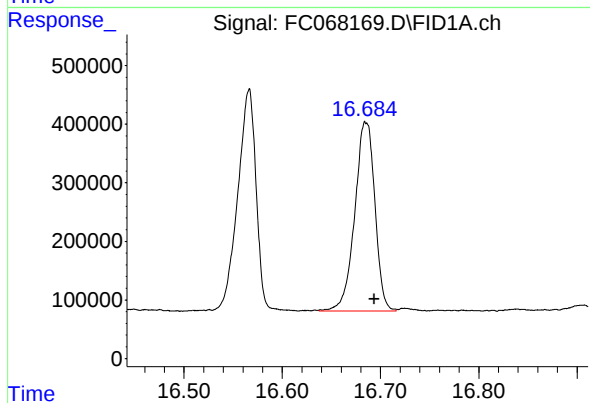
#14 n-Tetracosane (C24)

R.T.: 14.680 min
Delta R.T.: -0.049 min
Response: 9787626
Conc: 76.24 ug/ml m



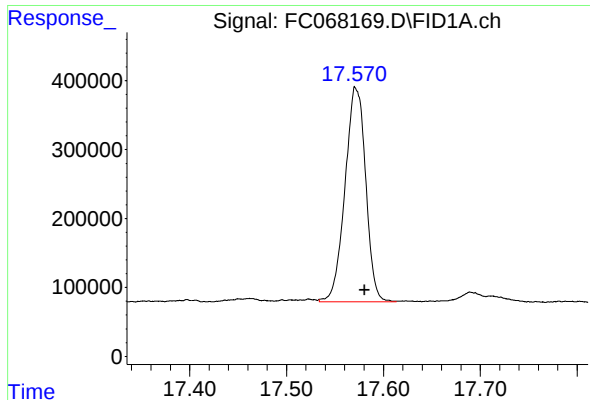
#15 n-Hexacosane (C26)

R.T.: 15.737 min
Delta R.T.: -0.009 min
Response: 4612062
Conc: 36.65 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.684 min
Delta R.T.: -0.010 min
Response: 4596631
Conc: 36.75 ug/ml m



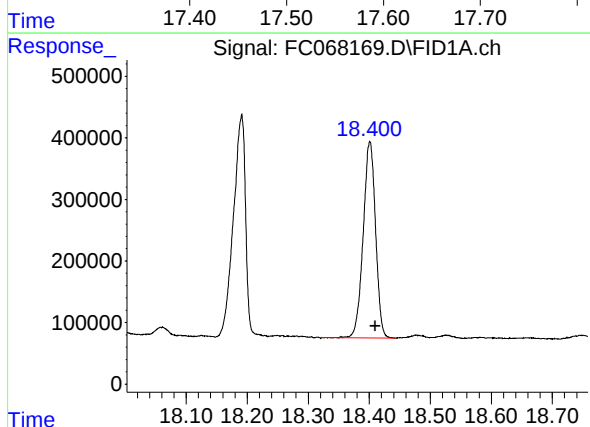
#17 n-Tricontane (C30)

R.T.: 17.570 min
Delta R.T.: -0.011 min
Response: 4598194
Conc: 35.57 ug/ml

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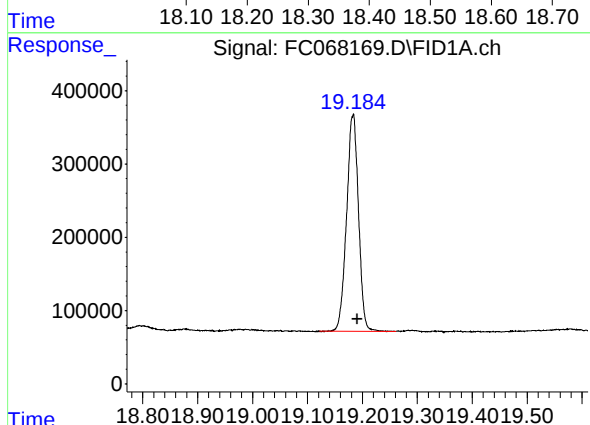
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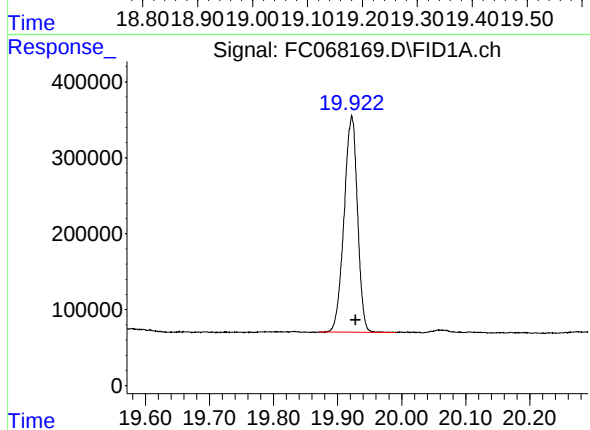
#18 n-Dotriacontane (C32)

R.T.: 18.401 min
Delta R.T.: -0.009 min
Response: 4483234
Conc: 35.86 ug/ml



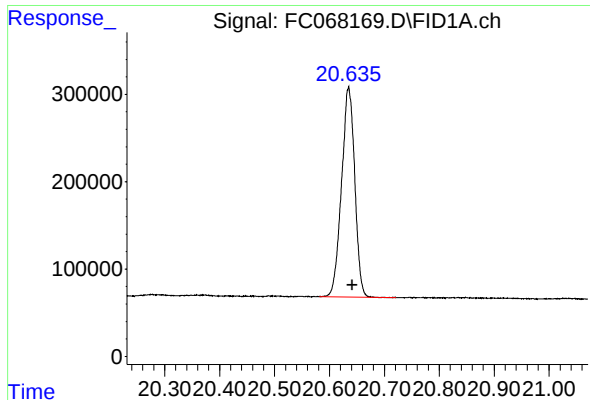
#19 n-Tetratriacontane (C34)

R.T.: 19.183 min
Delta R.T.: -0.008 min
Response: 4458736
Conc: 41.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.922 min
Delta R.T.: -0.007 min
Response: 4134875
Conc: 44.68 ug/ml



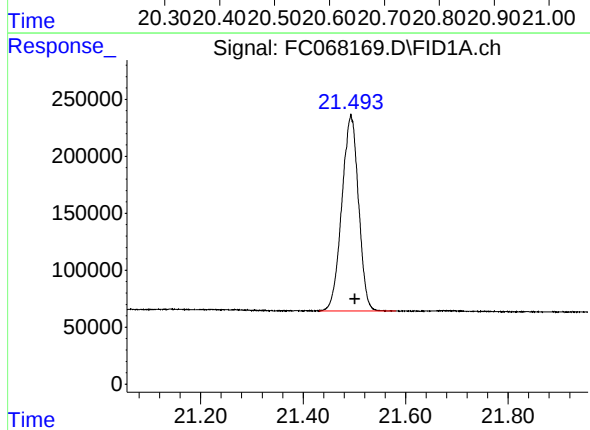
#21 n-Octatriacontane (C38)

R.T.: 20.635 min
Delta R.T.: -0.007 min
Response: 4001660
Conc: 46.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.493 min
Delta R.T.: -0.008 min
Response: 3883302
Conc: 48.03 ug/ml