

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056932.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2021 8:08
 Operator : AJ\MA
 Sample : M4744-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-3-10MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/19/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 08:27:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 19 00:52:49 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.599	4306811	37.113 ug/ml
Spiked Amount 50.000		Recovery =	74.23%
12) S 1-chlorooctadecane (S...	13.029	3578766	39.311 ug/ml
Spiked Amount 50.000		Recovery =	78.62%
Target Compounds			
1) T n-Nonane (C9)	3.363	3679956	36.316 ug/ml
2) T n-Decane (C10)	4.430	4196396	41.906 ug/ml
3) T A~Naphthalene (C11.7)	6.018	4969564	44.506 ug/ml
4) T n-Dodecane (C12)	6.446	4569969	45.072 ug/ml
5) T A~2-methylnaphthalene...	7.074	4941645	44.818 ug/ml
6) T n-Tetradecane (C14)	8.242	4945491	48.811 ug/ml
7) T n-Hexadecane (C16)	9.839	5395311	52.577 ug/ml
8) T n-Octadecane (C18)	11.280	5765173	53.811 ug/ml
10) T n-Eicosane (C20)	12.588	5778855	54.031 ug/ml
11) T n-Heneicosane (C21)	13.198	5772208	53.302 ug/ml
13) T n-Docosane (C22)	13.783	5739382	53.572 ug/ml
14) T n-Tetracosane (C24)	14.881	11469575	105.949 ug/ml
15) T n-Hexacosane (C26)	15.902	5549432	52.099 ug/ml
16) T n-Octacosane (C28)	16.846	5592832	52.433 ug/ml
17) T n-Tricontane (C30)	17.732	5194967	48.740 ug/ml
18) T n-Dotriacontane (C32)	18.559	5017656	47.570 ug/ml
19) T n-Tetratriacontane (C34)	19.338	4515233	43.463 ug/mlm
20) T n-Hexatriacontane (C36)	20.073	4122113	40.810 ug/ml
21) T n-Octatriacontane (C38)	20.805	3698845	40.294 ug/ml
22) T n-Tetracontane (C40)	21.709	3690257	40.965 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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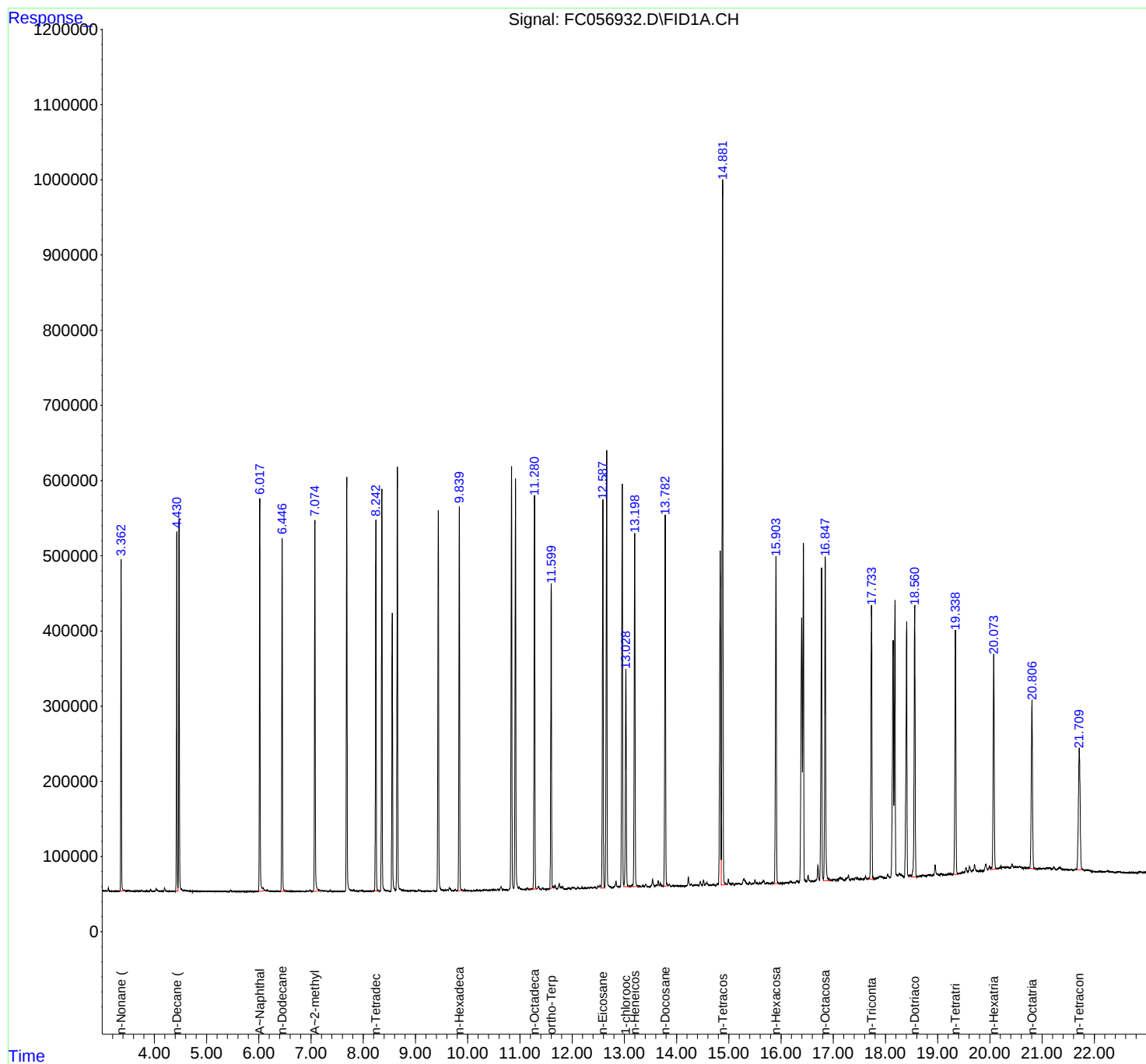
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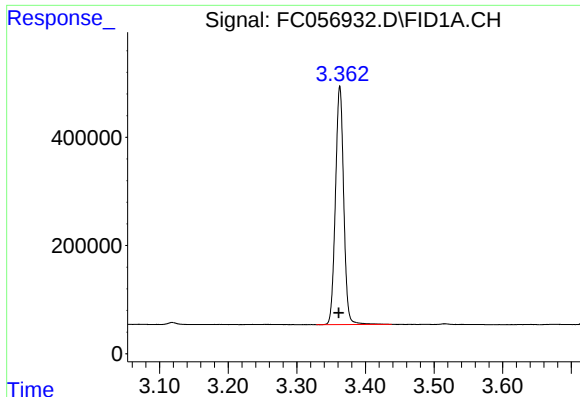
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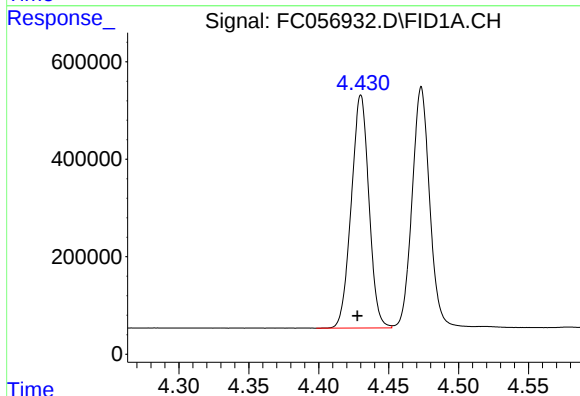
#1 n-Nonane (C9)

R.T.: 3.363 min
Delta R.T.: 0.002 min
Response: 3679956
Conc: 36.32 ug/ml

Instrument :
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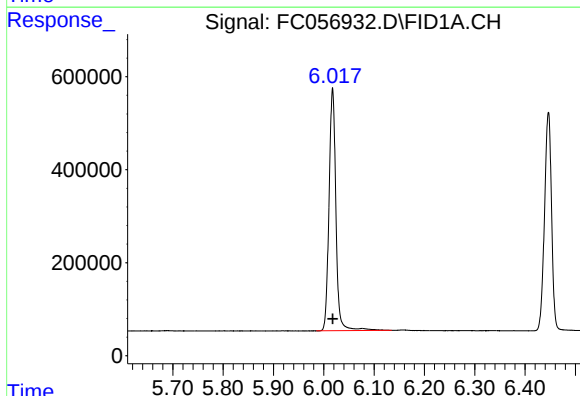
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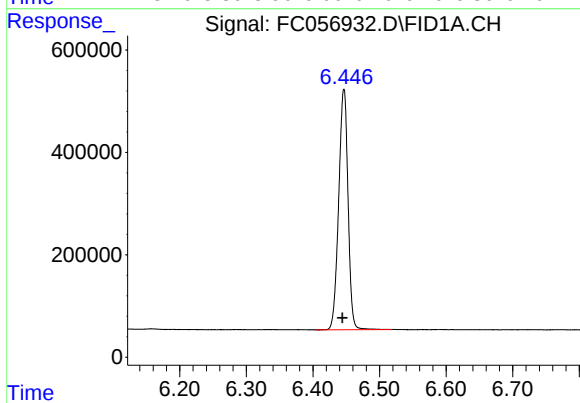
#2 n-Decane (C10)

R.T.: 4.430 min
Delta R.T.: 0.003 min
Response: 4196396
Conc: 41.91 ug/ml



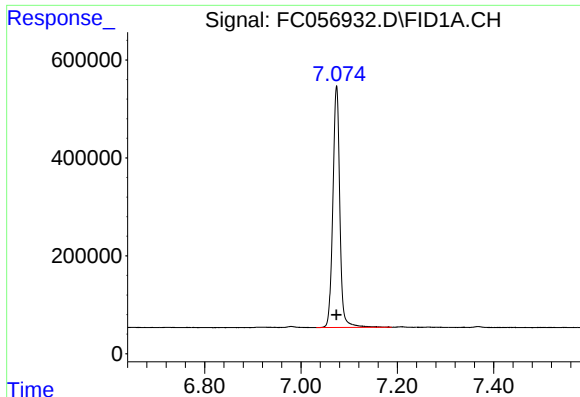
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 4969564
Conc: 44.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: 0.002 min
Response: 4569969
Conc: 45.07 ug/ml



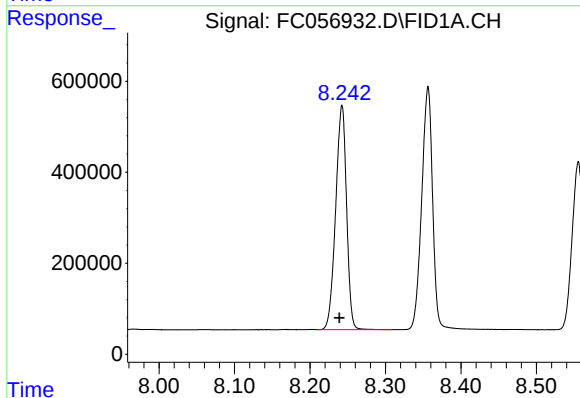
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 4941645
Conc: 44.82 ug/ml

Instrument :
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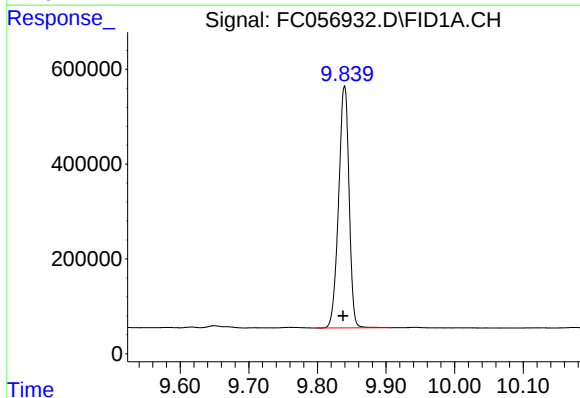
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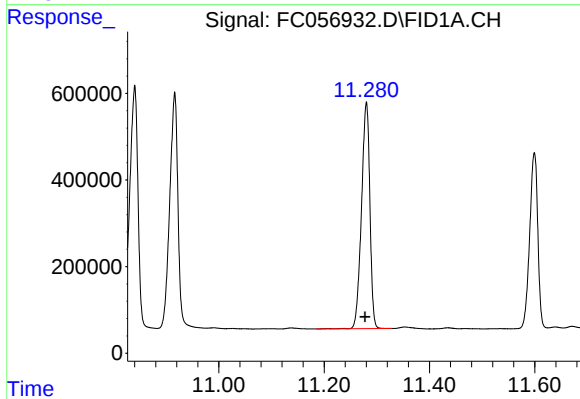
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 4945491
Conc: 48.81 ug/ml



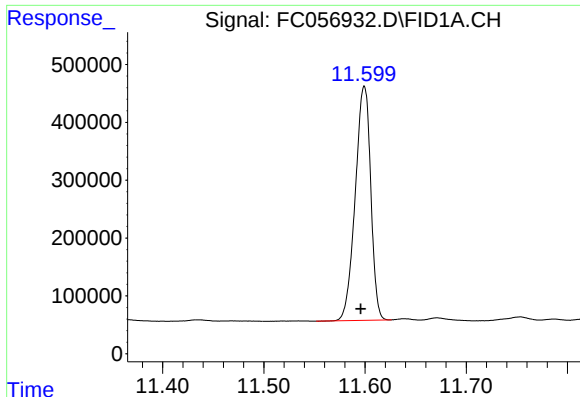
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.002 min
Response: 5395311
Conc: 52.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 5765173
Conc: 53.81 ug/ml



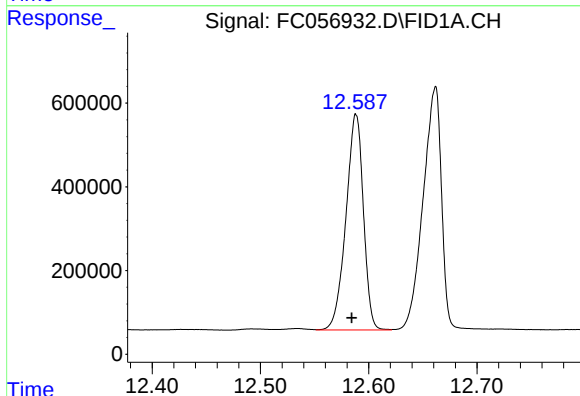
#9 ortho-Terphenyl (SURR)

R.T.: 11.599 min
Delta R.T.: 0.003 min
Response: 4306811
Conc: 37.11 ug/ml

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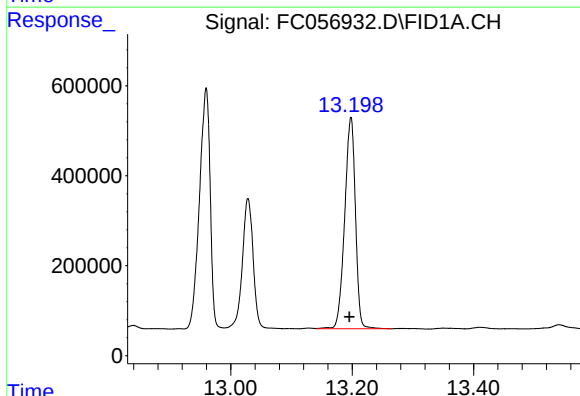
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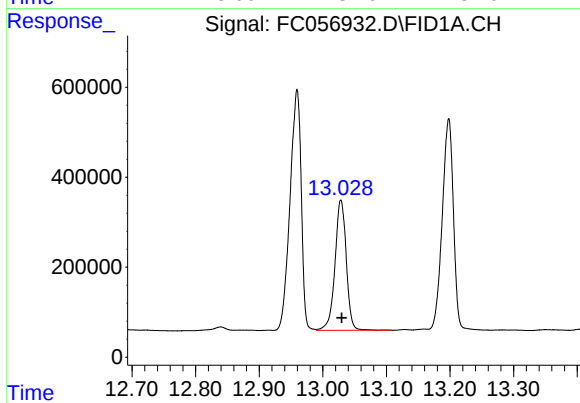
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.004 min
Response: 5778855
Conc: 54.03 ug/ml



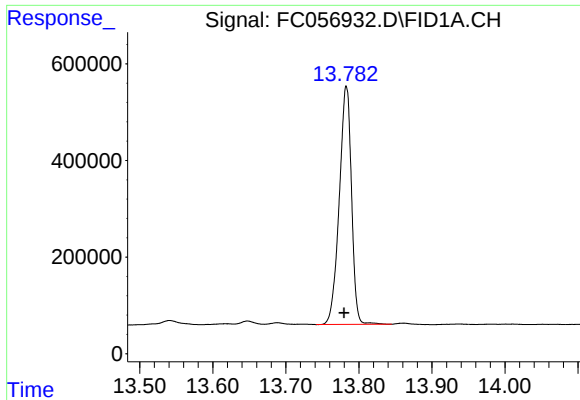
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.002 min
Response: 5772208
Conc: 53.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.029 min
Delta R.T.: -0.001 min
Response: 3578766
Conc: 39.31 ug/ml



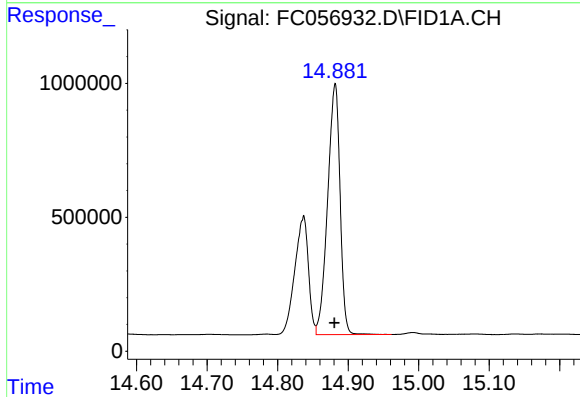
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: 0.003 min
Response: 5739382
Conc: 53.57 ug/ml

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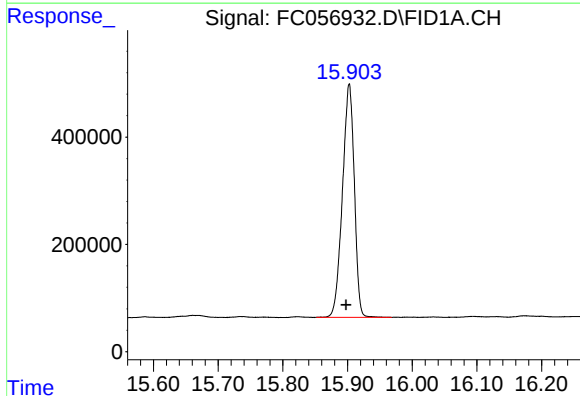
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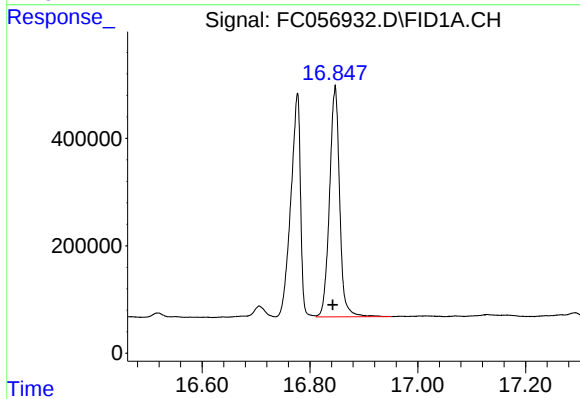
#14 n-Tetracosane (C24)

R.T.: 14.881 min
Delta R.T.: 0.000 min
Response: 11469575
Conc: 105.95 ug/ml



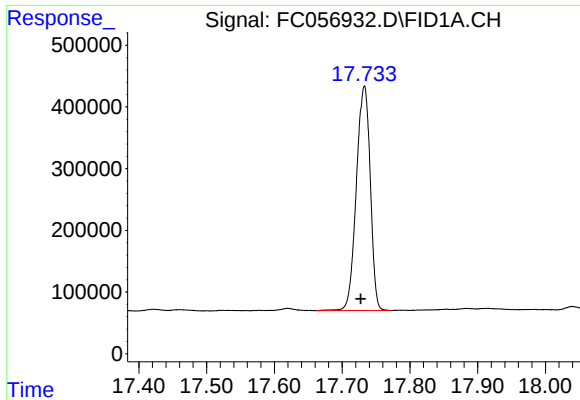
#15 n-Hexacosane (C26)

R.T.: 15.902 min
Delta R.T.: 0.005 min
Response: 5549432
Conc: 52.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: 0.004 min
Response: 5592832
Conc: 52.43 ug/ml



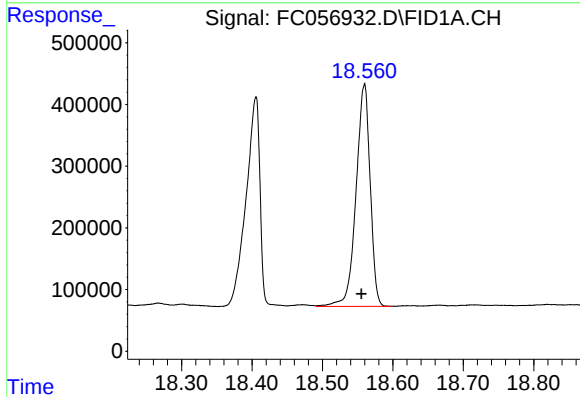
#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: 0.005 min
Response: 5194967
Conc: 48.74 ug/ml

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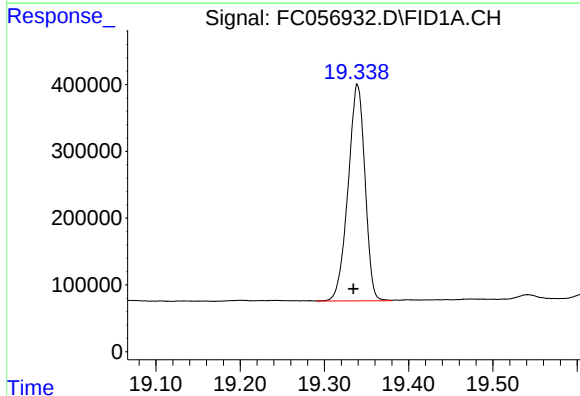
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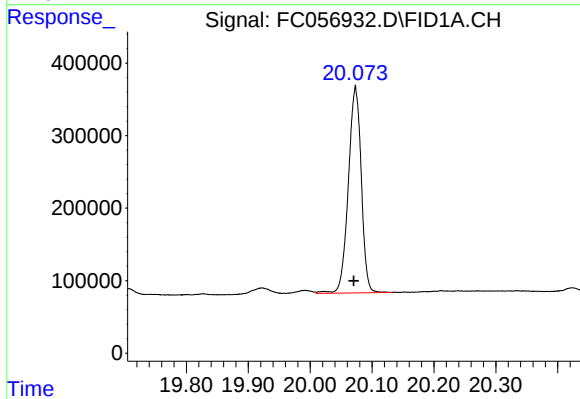
#18 n-Dotriacontane (C32)

R.T.: 18.559 min
Delta R.T.: 0.004 min
Response: 5017656
Conc: 47.57 ug/ml



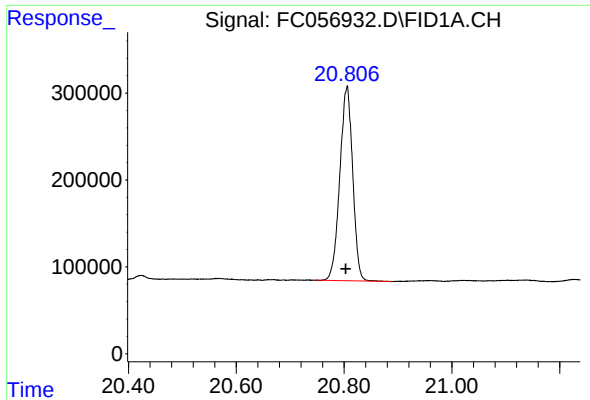
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.004 min
Response: 4515233
Conc: 43.46 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.003 min
Response: 4122113
Conc: 40.81 ug/ml



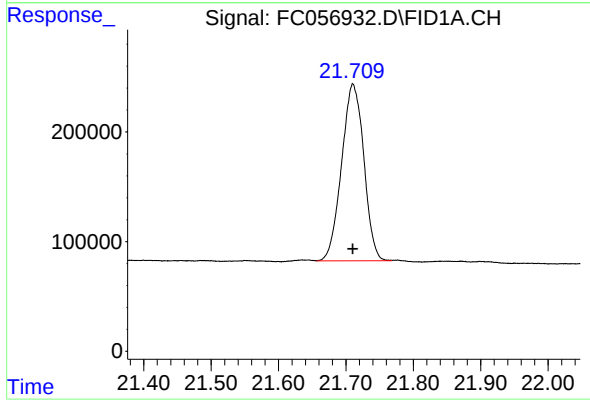
#21 n-Octatriacontane (C38)

R.T.: 20.805 min
Delta R.T.: 0.002 min
Response: 3698845
Conc: 40.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.709 min
Delta R.T.: 0.000 min
Response: 3690257
Conc: 40.96 ug/ml m