

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F110723AL\
 Data File : FC065034.D
 Signal(s) : FID1A.ch
 Acq On : 07 Nov 2023 16:51
 Operator : YP/AJ
 Sample : 05270-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-3-110623MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/08/2023
 Supervised By :Ankita Jodhani 11/08/2023

Integration File: autoint1.e
 Quant Time: Nov 07 22:02:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 2023
 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)	11.517	6179649	28.079 ug/ml
Spiked Amount 50.000		Recovery =	56.16%
12) S 1-chlorooctadecane (S...	12.948	5284093	33.426 ug/ml
Spiked Amount 50.000		Recovery =	66.85%
Target Compounds			
1) T n-Nonane (C9)	3.313	4480405	23.698 ug/ml
2) T n-Decane (C10)	4.373	5135353	27.008 ug/ml
3) T A~Naphthalene (C11.7)	5.953	6060843	31.391 ug/ml
4) T n-Dodecane (C12)	6.384	5737827	29.703 ug/ml
5) T A~2-methylnaphthalene...	7.008	6133910	33.379 ug/ml
6) T n-Tetradecane (C14)	8.175	6241811	33.080 ug/ml
7) T n-Hexadecane (C16)	9.768	6607502	34.956 ug/ml
8) T n-Octadecane (C18)	11.203	6702687	35.515 ug/ml
10) T n-Eicosane (C20)	12.508	6818599	37.927 ug/ml
11) T n-Heneicosane (C21)	13.116	6244477	35.567 ug/ml
13) T n-Docosane (C22)	13.701	6275305	36.533 ug/ml
14) T n-Tetracosane (C24)	14.792	13187012	79.174 ug/ml
15) T n-Hexacosane (C26)	15.816	5876582	36.612 ug/ml
16) T n-Octacosane (C28)	16.762	6299833	40.254 ug/ml
17) T n-Tricontane (C30)	17.648	5829198	36.802 ug/ml
18) T n-Dotriacontane (C32)	18.476	5824228	36.887 ug/ml
19) T n-Tetratriacontane (C34)	19.258	5571512	36.501 ug/ml
20) T n-Hexatriacontane (C36)	19.996	5208297	34.519 ug/ml
21) T n-Octatriacontane (C38)	20.719	5091893	34.216 ug/ml
22) T n-Tetracontane (C40)	21.605	5261506	35.773 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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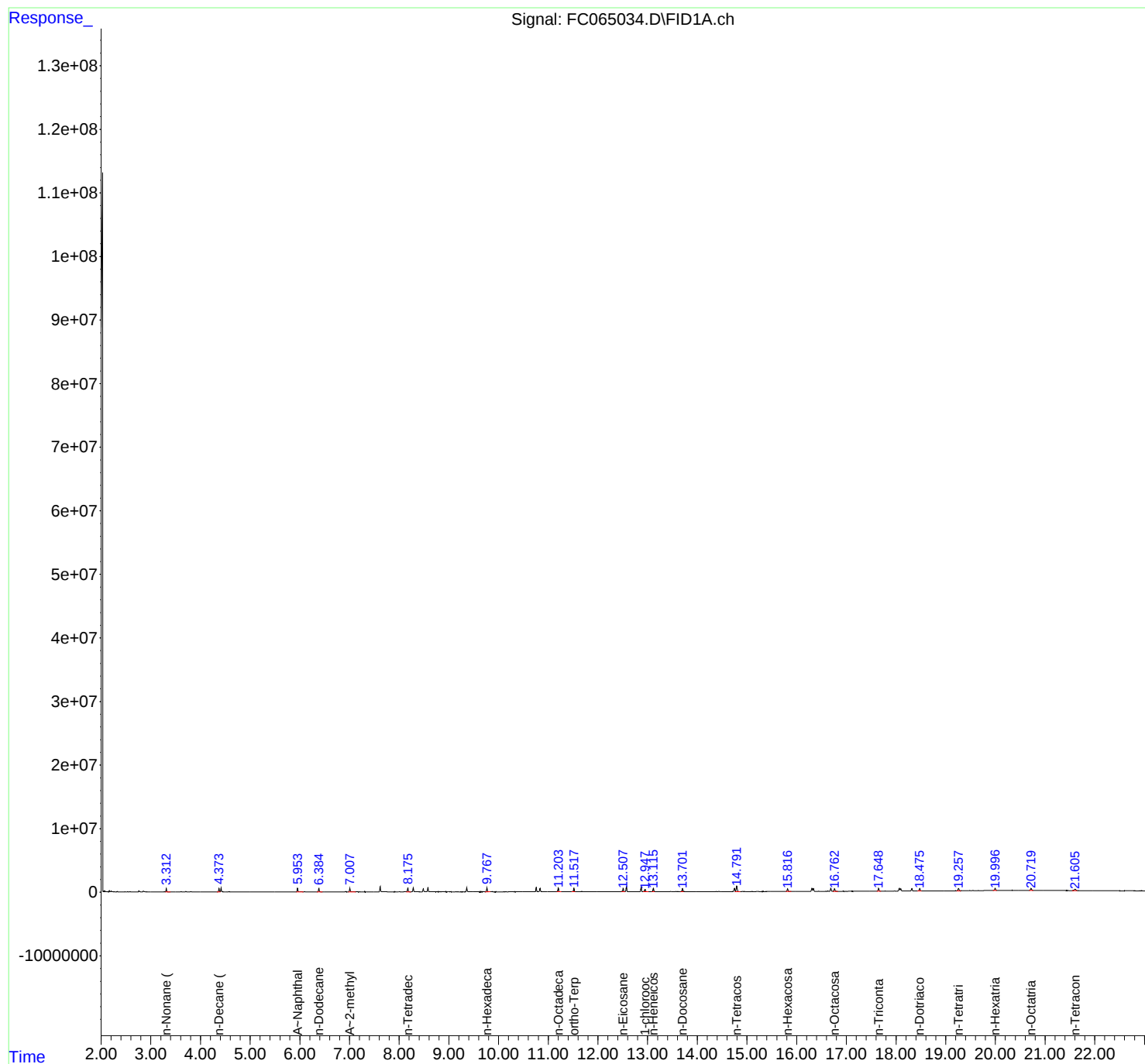
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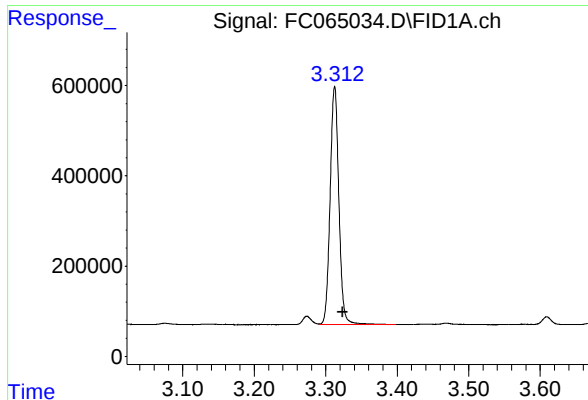
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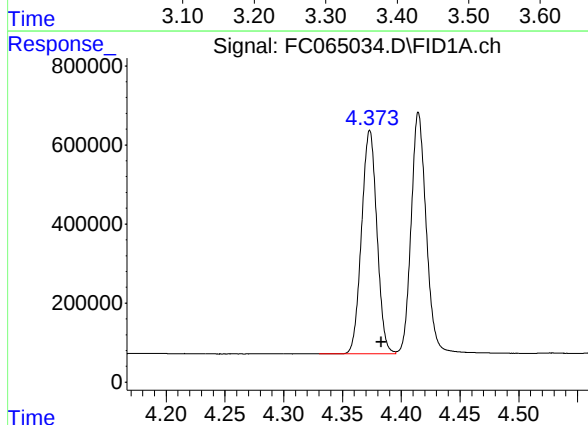
#1 n-Nonane (C9)

R.T.: 3.313 min
Delta R.T.: -0.011 min
Response: 4480405
Conc: 23.70 ug/ml

Instrument :
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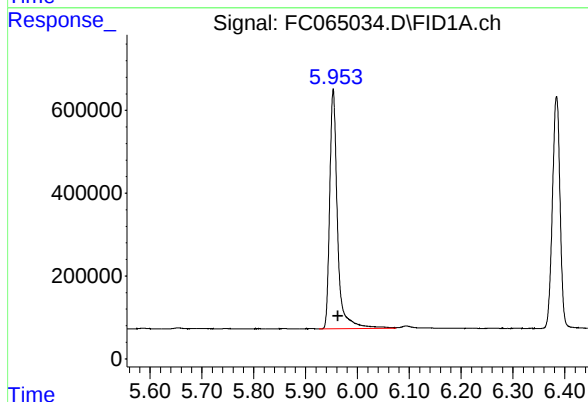
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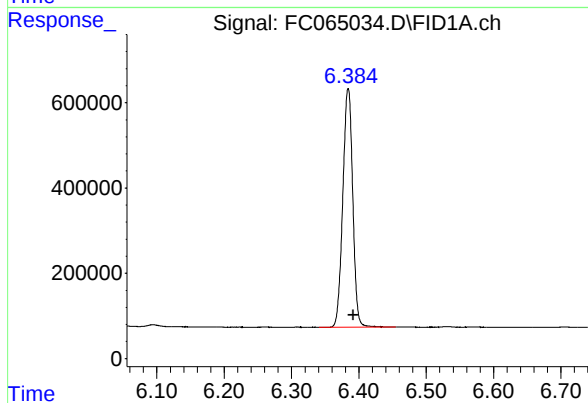
#2 n-Decane (C10)

R.T.: 4.373 min
Delta R.T.: -0.010 min
Response: 5135353
Conc: 27.01 ug/ml



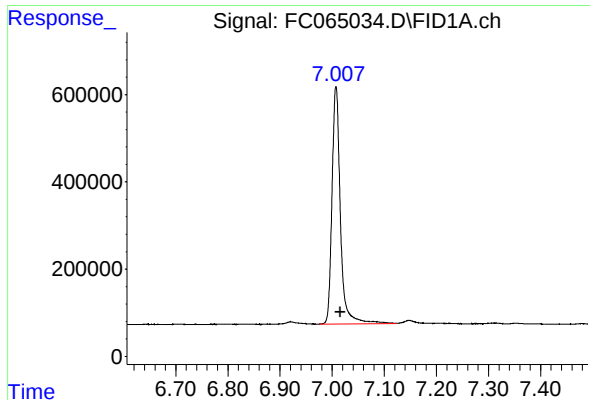
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: -0.009 min
Response: 6060843
Conc: 31.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.384 min
Delta R.T.: -0.008 min
Response: 5737827
Conc: 29.70 ug/ml



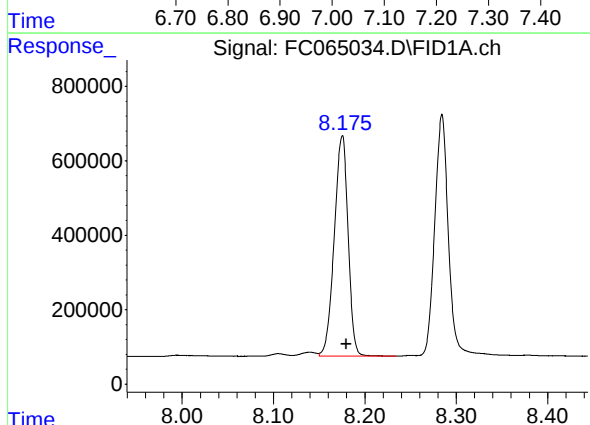
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.008 min
Delta R.T.: -0.008 min
Response: 6133910
Conc: 33.38 ug/ml

Instrument :
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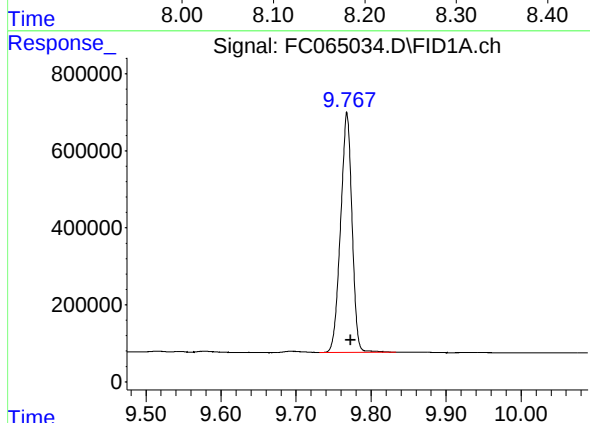
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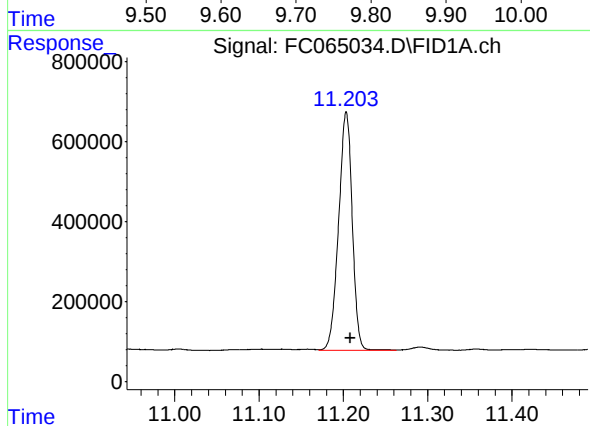
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.004 min
Response: 6241811
Conc: 33.08 ug/ml



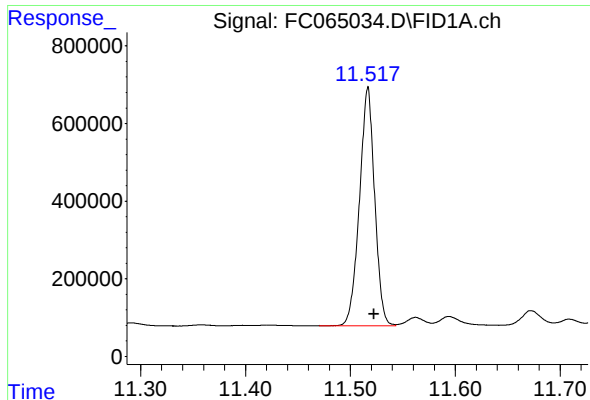
#7 n-Hexadecane (C16)

R.T.: 9.768 min
Delta R.T.: -0.005 min
Response: 6607502
Conc: 34.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 6702687
Conc: 35.51 ug/ml



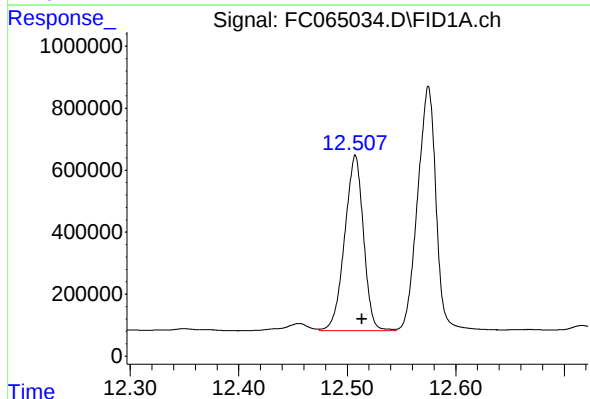
#9 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: -0.006 min
Response: 6179649
Conc: 28.08 ug/ml

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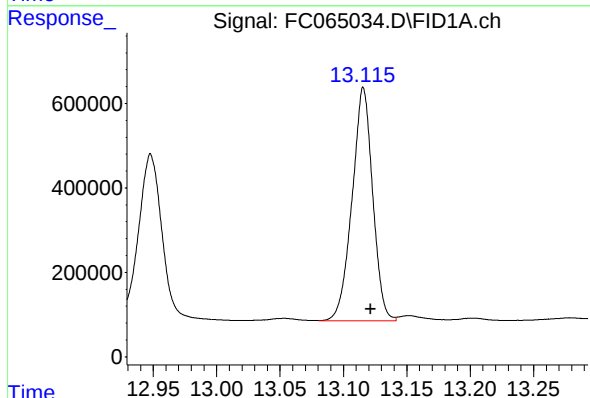
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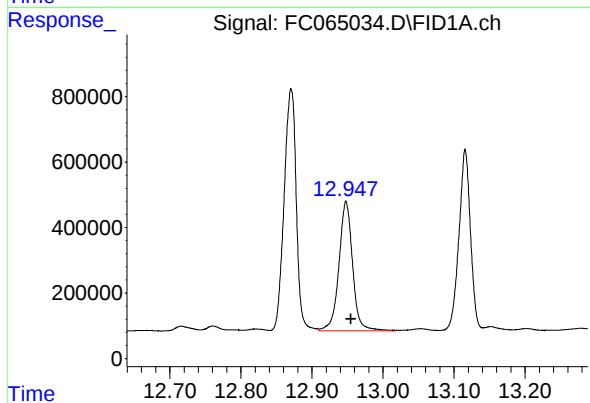
#10 n-Eicosane (C20)

R.T.: 12.508 min
Delta R.T.: -0.006 min
Response: 6818599
Conc: 37.93 ug/ml



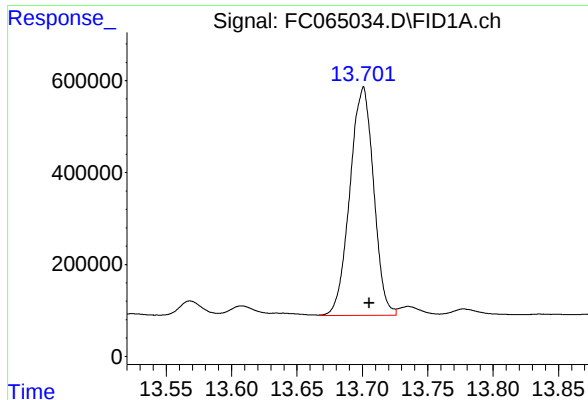
#11 n-Heneicosane (C21)

R.T.: 13.116 min
Delta R.T.: -0.006 min
Response: 6244477
Conc: 35.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.948 min
Delta R.T.: -0.007 min
Response: 5284093
Conc: 33.43 ug/ml



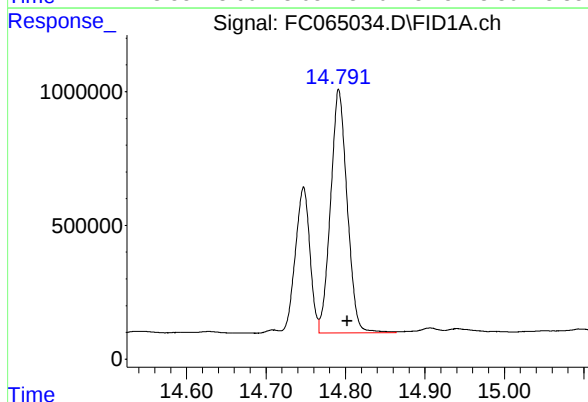
#13 n-Docosane (C22)

R.T.: 13.701 min
Delta R.T.: -0.005 min
Response: 6275305
Conc: 36.53 ug/ml

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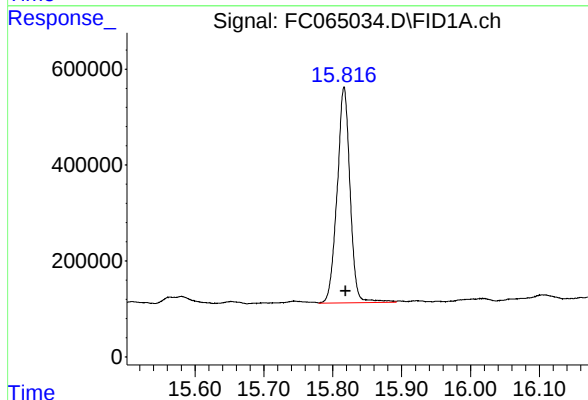
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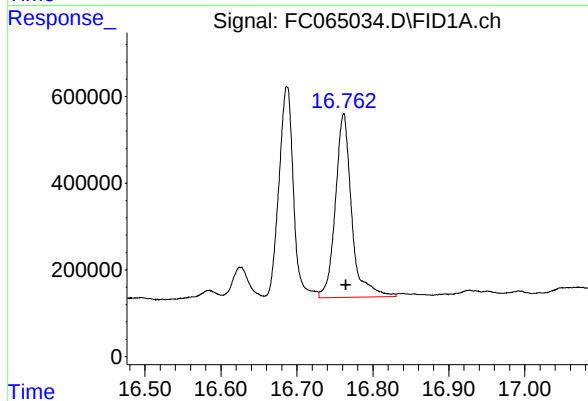
#14 n-Tetracosane (C24)

R.T.: 14.792 min
Delta R.T.: -0.011 min
Response: 13187012
Conc: 79.17 ug/ml



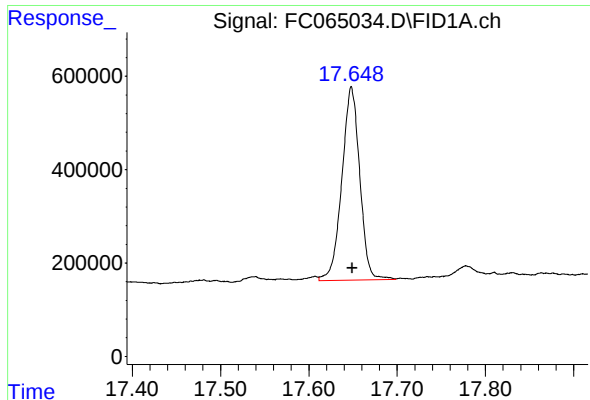
#15 n-Hexacosane (C26)

R.T.: 15.816 min
Delta R.T.: -0.002 min
Response: 5876582
Conc: 36.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.762 min
Delta R.T.: -0.003 min
Response: 6299833
Conc: 40.25 ug/ml



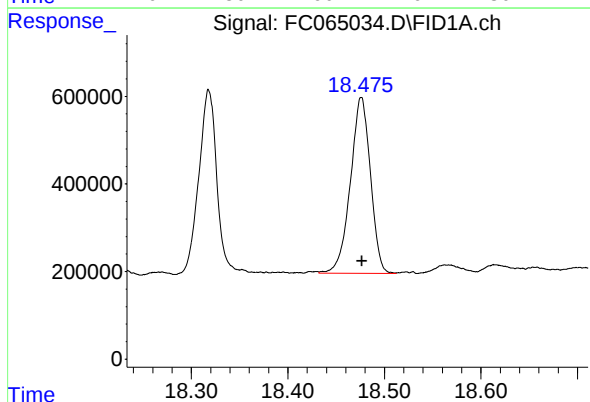
#17 n-Tricontane (C30)

R.T.: 17.648 min
Delta R.T.: -0.001 min
Response: 5829198
Conc: 36.80 ug/ml

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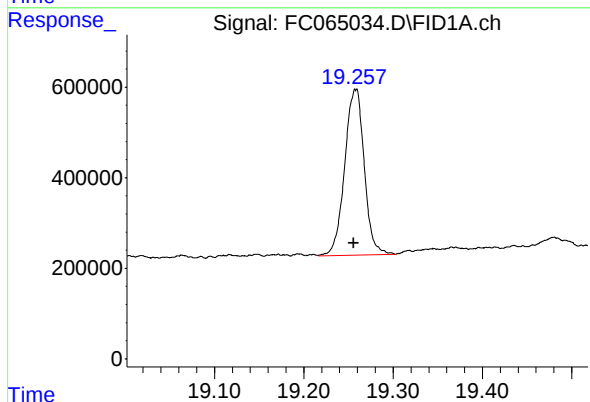
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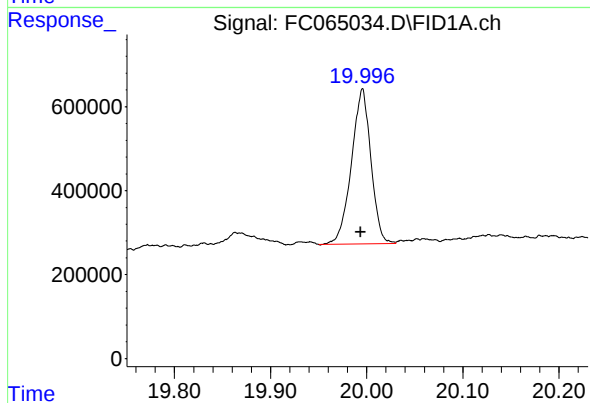
#18 n-Dotriacontane (C32)

R.T.: 18.476 min
Delta R.T.: 0.000 min
Response: 5824228
Conc: 36.89 ug/ml



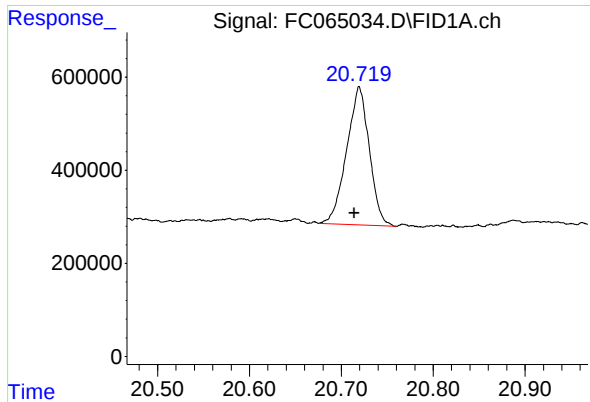
#19 n-Tetratriacontane (C34)

R.T.: 19.258 min
Delta R.T.: 0.003 min
Response: 5571512
Conc: 36.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.996 min
Delta R.T.: 0.002 min
Response: 5208297
Conc: 34.52 ug/ml



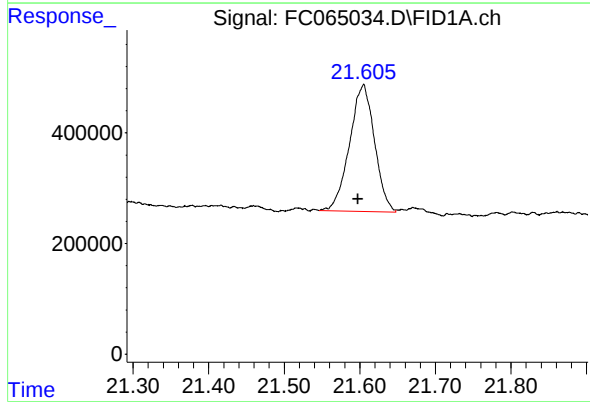
#21 n-Octatriacontane (C38)

R.T.: 20.719 min
Delta R.T.: 0.005 min
Response: 5091893
Conc: 34.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.605 min
Delta R.T.: 0.007 min
Response: 5261506
Conc: 35.77 ug/ml m