

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG050322AL\
 Data File : FG009721.D
 Signal(s) : FID1A.ch
 Acq On : 03 May 2022 20:55
 Operator : AJ\MA
 Sample : N2641-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 TP-21MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2022
 Supervised By :mohammad ahmed 05/04/2022

Integration File: sample.E
 Quant Time: May 04 02:12:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH FG050322.M
 Quant Title : GC Extractables
 QLast Update : Tue May 03 14:00:27 2022
 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)	10.838	6110654	39.866 ug/ml
Spiked Amount 50.000		Recovery =	79.73%
12) S 1-chlorooctadecane (S...	12.290	5005032	41.129 ug/ml
Spiked Amount 50.000		Recovery =	82.26%
Target Compounds			
1) T n-Nonane (C9)	2.667	3633786	28.630 ug/ml
2) T n-Decane (C10)	3.679	4125260	33.387 ug/ml
3) T A~Naphthalene (C11.7)	5.239	5013967	35.994 ug/ml
4) T n-Dodecane (C12)	5.677	4480982	35.086 ug/ml
5) T A~2-methylnaphthalene...	6.294	5115293	37.172 ug/ml
6) T n-Tetradecane (C14)	7.477	4935680	38.600 ug/ml
7) T n-Hexadecane (C16)	9.083	5493316	41.284 ug/ml
8) T n-Octadecane (C18)	10.531	6179005	44.677 ug/ml
10) T n-Eicosane (C20)	11.846	6215371	44.637 ug/ml
11) T n-Heneicosane (C21)	12.460	6223565	44.149 ug/ml
13) T n-Docosane (C22)	13.049	6182548	43.729 ug/ml
14) T n-Tetracosane (C24)	14.157	6378966	44.760 ug/ml
15) T n-Hexacosane (C26)	15.184	6118437	42.934 ug/ml
16) T n-Octacosane (C28)	16.136	6017726	42.334 ug/ml
17) T n-Tricontane (C30)	17.030	5668468	40.514 ug/ml
18) T n-Dotriacontane (C32)	17.864	5471747	41.541 ug/ml
19) T n-Tetratriacontane (C34)	18.649	4788372	40.814 ug/ml
20) T n-Hexatriacontane (C36)	19.391	4236478	42.357 ug/ml
21) T n-Octatriacontane (C38)	20.130	3968420	45.767 ug/ml
22) T n-Tetracontane (C40)	21.039	3666739	45.967 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 13 Sample Multiplier: 1

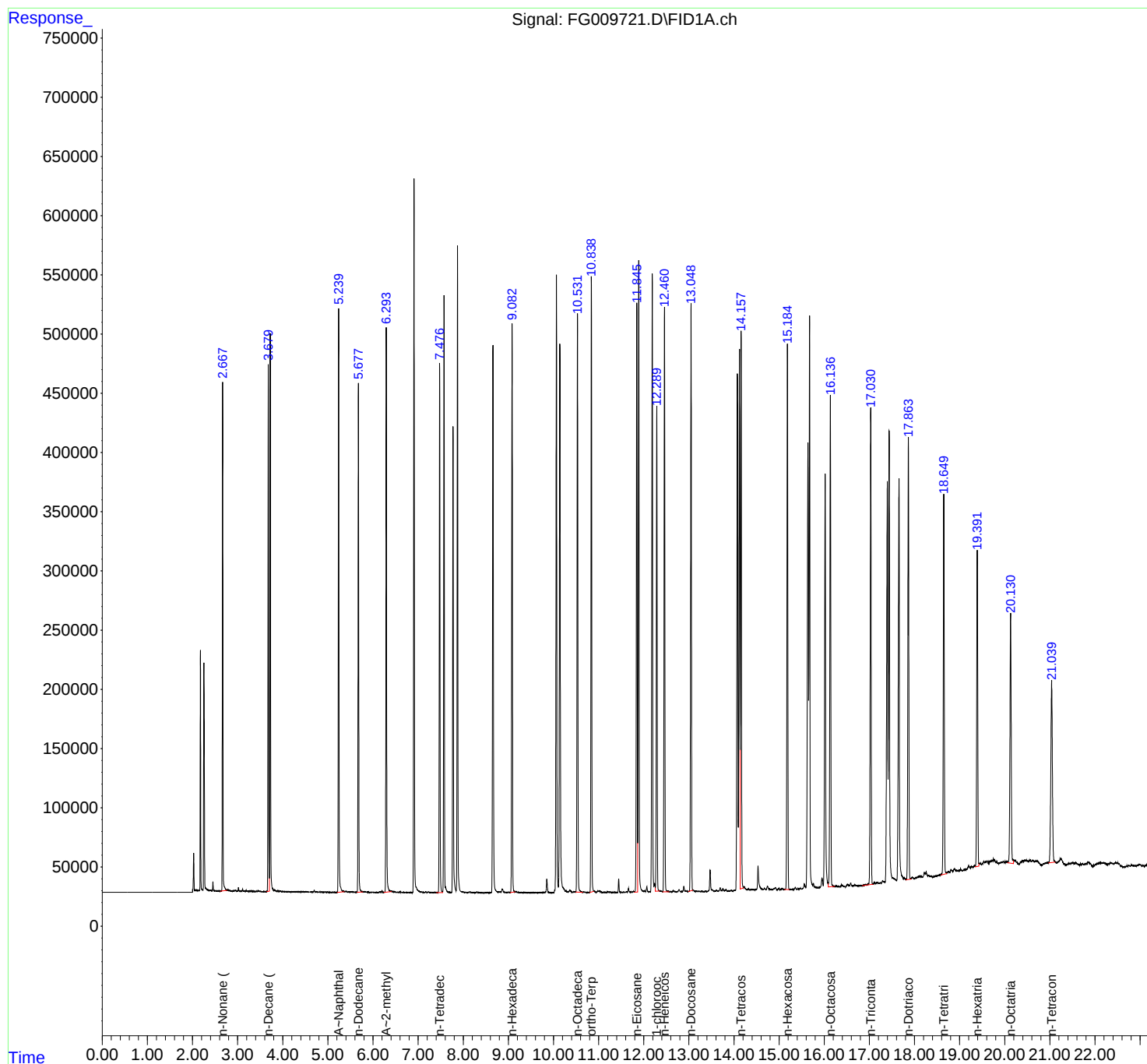
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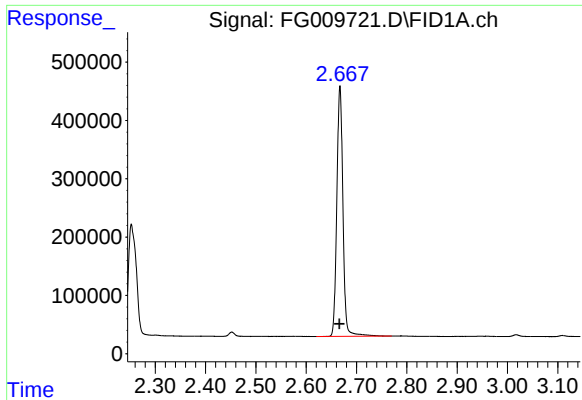
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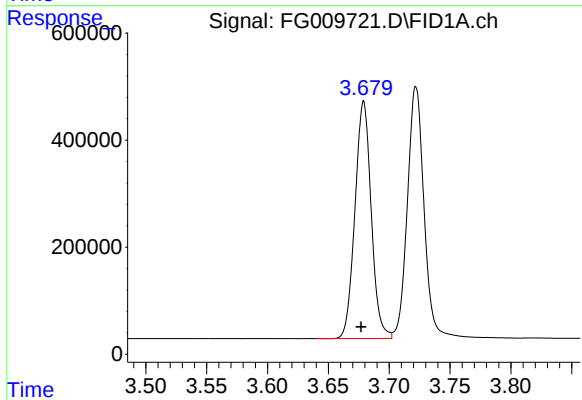
#1 n-Nonane (C9)

R.T.: 2.667 min
Delta R.T.: 0.001 min
Response: 3633786
Conc: 28.63 ug/ml

Instrument :
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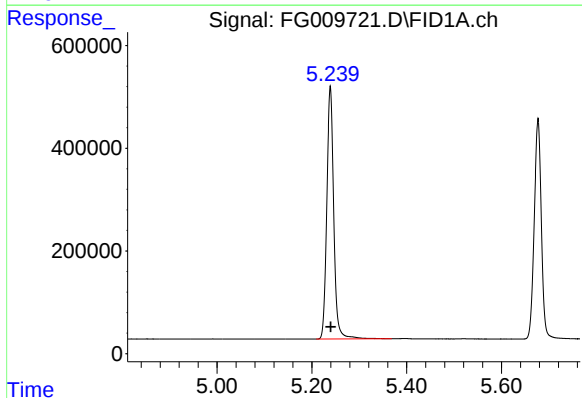
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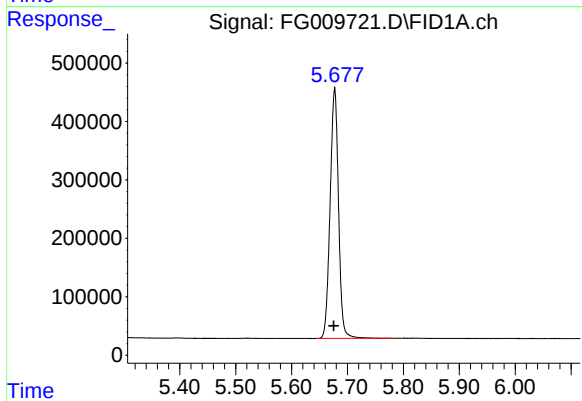
#2 n-Decane (C10)

R.T.: 3.679 min
Delta R.T.: 0.002 min
Response: 4125260
Conc: 33.39 ug/ml



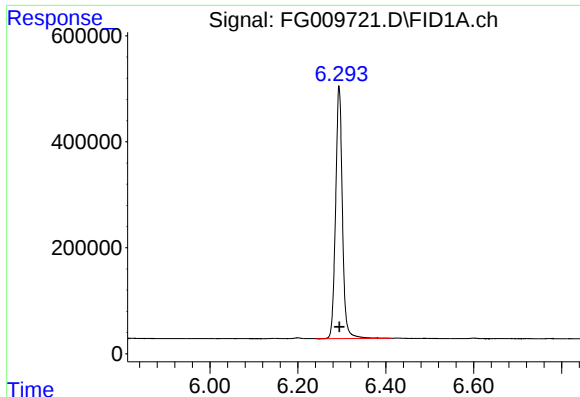
#3 A~Naphthalene (C11.7)

R.T.: 5.239 min
Delta R.T.: 0.000 min
Response: 5013967
Conc: 35.99 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.677 min
Delta R.T.: 0.002 min
Response: 4480982
Conc: 35.09 ug/ml



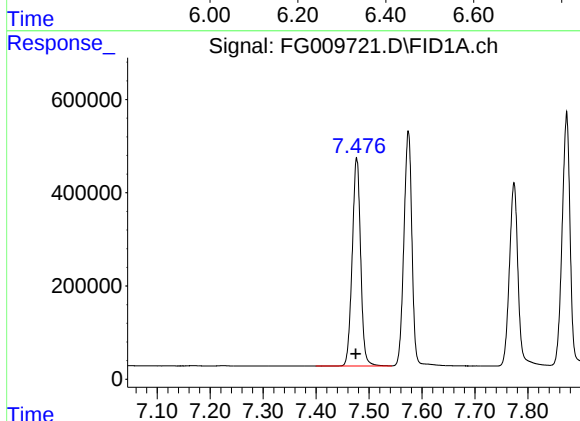
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.294 min
Delta R.T.: 0.000 min
Response: 5115293
Conc: 37.17 ug/ml

Instrument :
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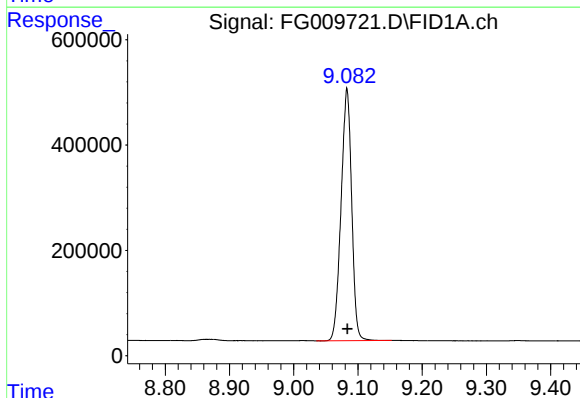
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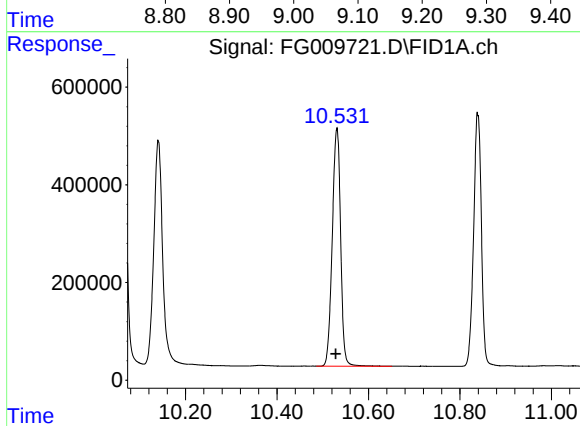
#6 n-Tetradecane (C14)

R.T.: 7.477 min
Delta R.T.: 0.002 min
Response: 4935680
Conc: 38.60 ug/ml



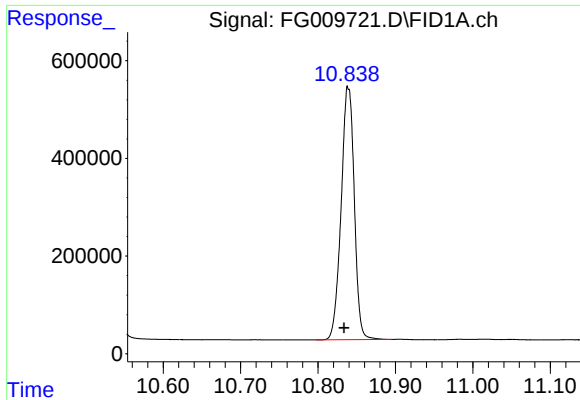
#7 n-Hexadecane (C16)

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 5493316
Conc: 41.28 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.531 min
Delta R.T.: 0.003 min
Response: 6179005
Conc: 44.68 ug/ml



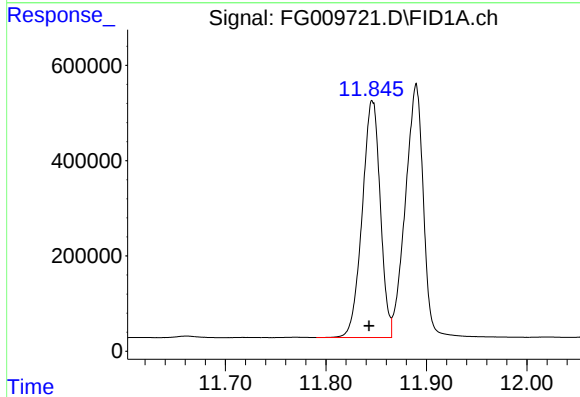
#9 ortho-Terphenyl (SURR)

R.T.: 10.838 min
Delta R.T.: 0.005 min
Response: 6110654
Conc: 39.87 ug/ml

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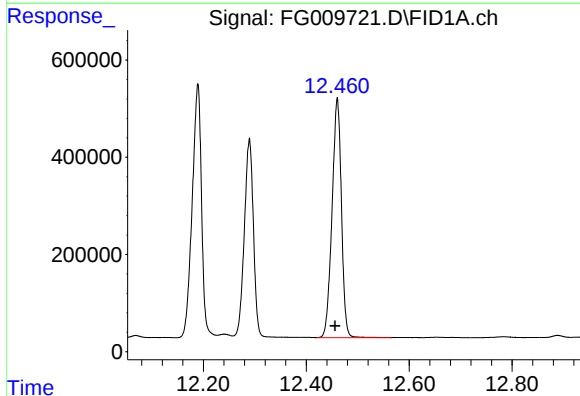
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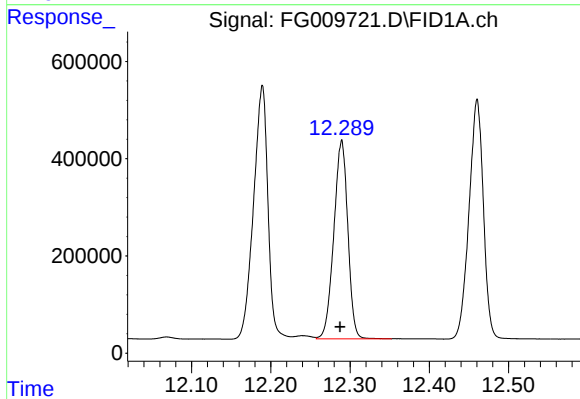
#10 n-Eicosane (C20)

R.T.: 11.846 min
Delta R.T.: 0.003 min
Response: 6215371
Conc: 44.64 ug/ml



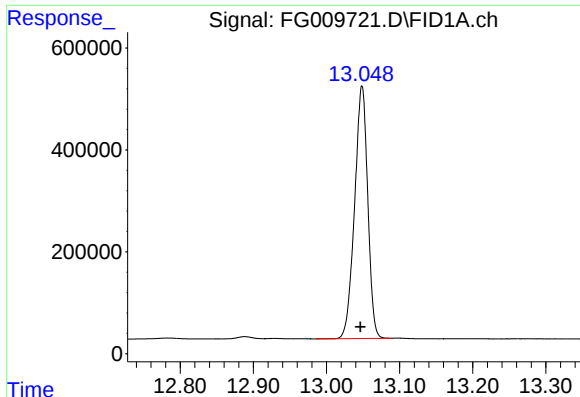
#11 n-Heneicosane (C21)

R.T.: 12.460 min
Delta R.T.: 0.004 min
Response: 6223565
Conc: 44.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.290 min
Delta R.T.: 0.002 min
Response: 5005032
Conc: 41.13 ug/ml



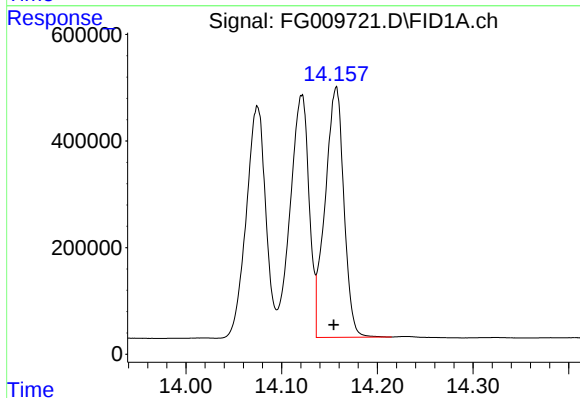
#13 n-Docosane (C22)

R.T.: 13.049 min
Delta R.T.: 0.002 min
Response: 6182548
Conc: 43.73 ug/ml

Instrument :
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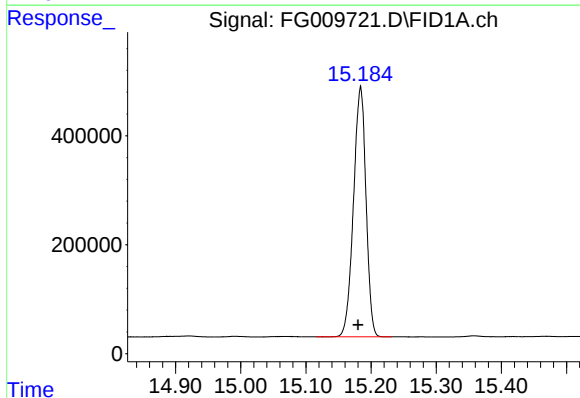
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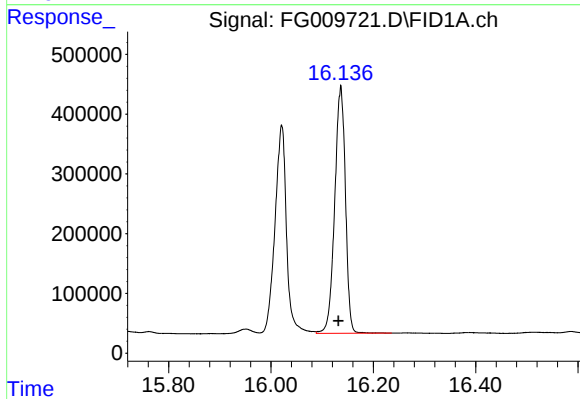
#14 n-Tetracosane (C24)

R.T.: 14.157 min
Delta R.T.: 0.003 min
Response: 6378966
Conc: 44.76 ug/ml



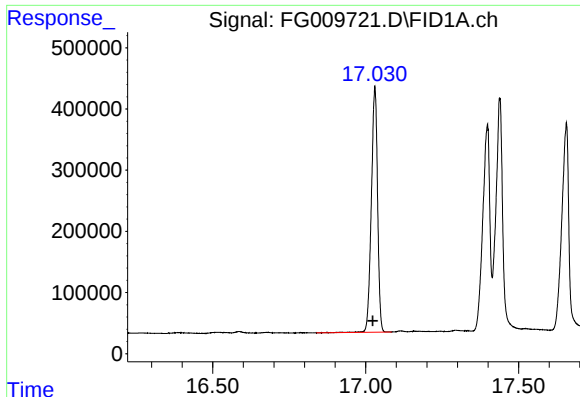
#15 n-Hexacosane (C26)

R.T.: 15.184 min
Delta R.T.: 0.004 min
Response: 6118437
Conc: 42.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.136 min
Delta R.T.: 0.005 min
Response: 6017726
Conc: 42.33 ug/ml



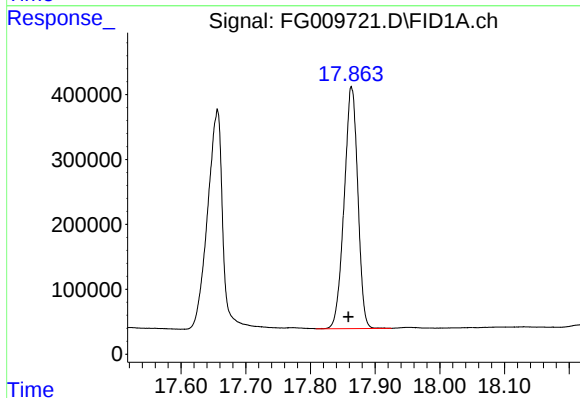
#17 n-Tricontane (C30)

R.T.: 17.030 min
Delta R.T.: 0.007 min
Response: 5668468
Conc: 40.51 ug/ml

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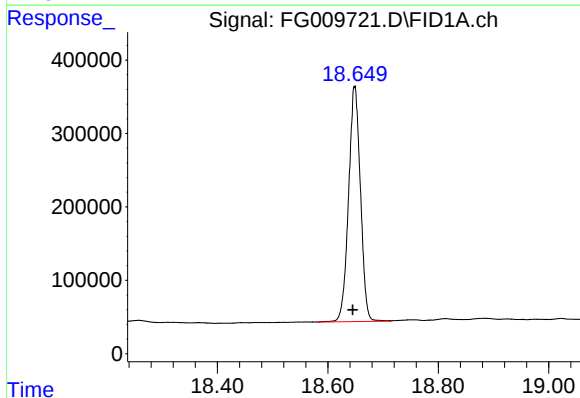
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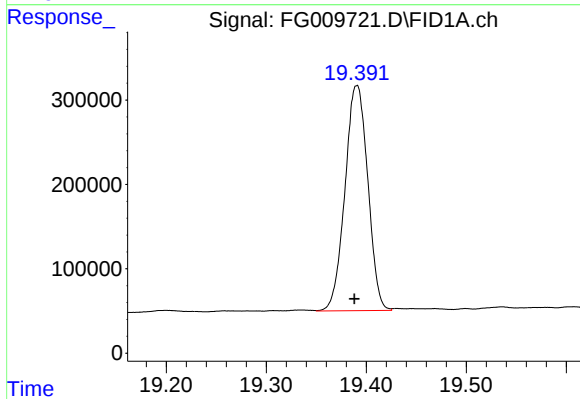
#18 n-Dotriacontane (C32)

R.T.: 17.864 min
Delta R.T.: 0.005 min
Response: 5471747
Conc: 41.54 ug/ml



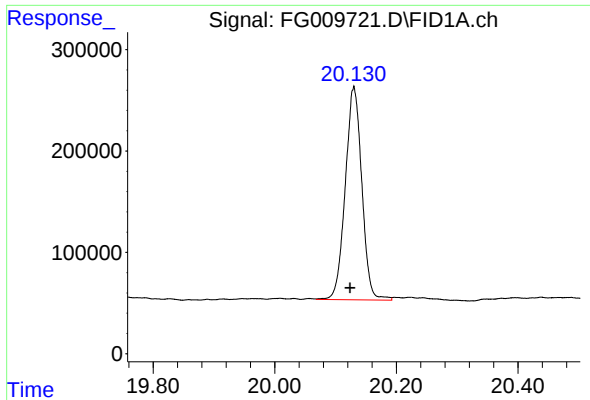
#19 n-Tetratriacontane (C34)

R.T.: 18.649 min
Delta R.T.: 0.003 min
Response: 4788372
Conc: 40.81 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.391 min
Delta R.T.: 0.002 min
Response: 4236478
Conc: 42.36 ug/ml



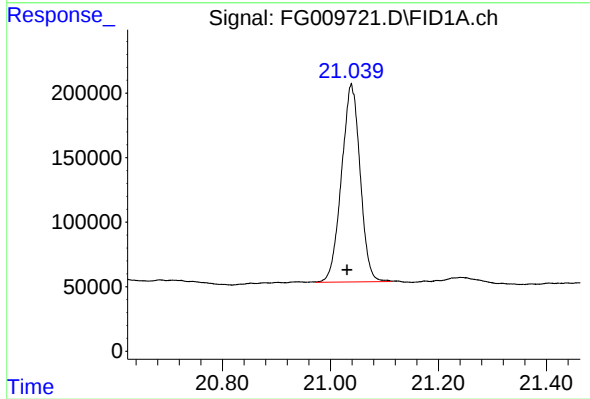
#21 n-Octatriacontane (C38)

R.T.: 20.130 min
Delta R.T.: 0.006 min
Response: 3968420
Conc: 45.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.039 min
Delta R.T.: 0.008 min
Response: 3666739
Conc: 45.97 ug/ml m