

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037559.D
 Signal(s) : FID1B.ch
 Acq On : 14 Sep 2022 21:42
 Operator : YP\AJ
 Sample : N4578-36MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHERRY-HILL-COMP-9MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:50:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.631	6322569	37.413 ug/ml
Spiked Amount 50.000		Recovery =	74.83%
12) S 1-chlorooctadecane (S...	13.053	5278284	41.013 ug/ml
Spiked Amount 50.000		Recovery =	82.03%
Target Compounds			
1) T n-Nonane (C9)	3.030	5047074	32.986 ug/ml
2) T n-Decane (C10)	4.287	5912951	38.352 ug/ml
3) T A~Naphthalene (C11.7)	5.996	6531159	45.333 ug/ml
4) T n-Dodecane (C12)	6.456	6802953	43.021 ug/ml
5) T A~2-methylnaphthalene...	7.089	6713924	48.089 ug/ml
6) T n-Tetradecane (C14)	9.874	7307328	46.117 ug/ml
7) T n-Hexadecane (C16)	9.874	7307328	46.117 ug/ml
8) T n-Octadecane (C18)	11.310	7531937	47.298 ug/ml
10) T n-Eicosane (C20)	12.612	7279535	46.009 ug/ml
11) T n-Heneicosane (C21)	13.220	7161141	45.413 ug/ml
13) T n-Docosane (C22)	13.803	7040409	45.227 ug/ml
14) T n-Tetracosane (C24)	14.900	13317562	88.545 ug/ml
15) T n-Hexacosane (C26)	15.917	6771730	46.765 ug/ml
16) T n-Octacosane (C28)	16.859	6808214	49.143 ug/ml
17) T n-Tricontane (C30)	17.745	6374082	46.857 ug/ml
18) T n-Dotriacontane (C32)	18.570	6486964	48.580 ug/ml
19) T n-Tetratriacontane (C34)	19.349	6431875	50.834 ug/ml
20) T n-Hexatriacontane (C36)	20.082	6320495	49.143 ug/mlm
21) T n-Octatriacontane (C38)	20.783	6513155	52.331 ug/mlm
22) T n-Tetracontane (C40)	21.561	6928313	53.743 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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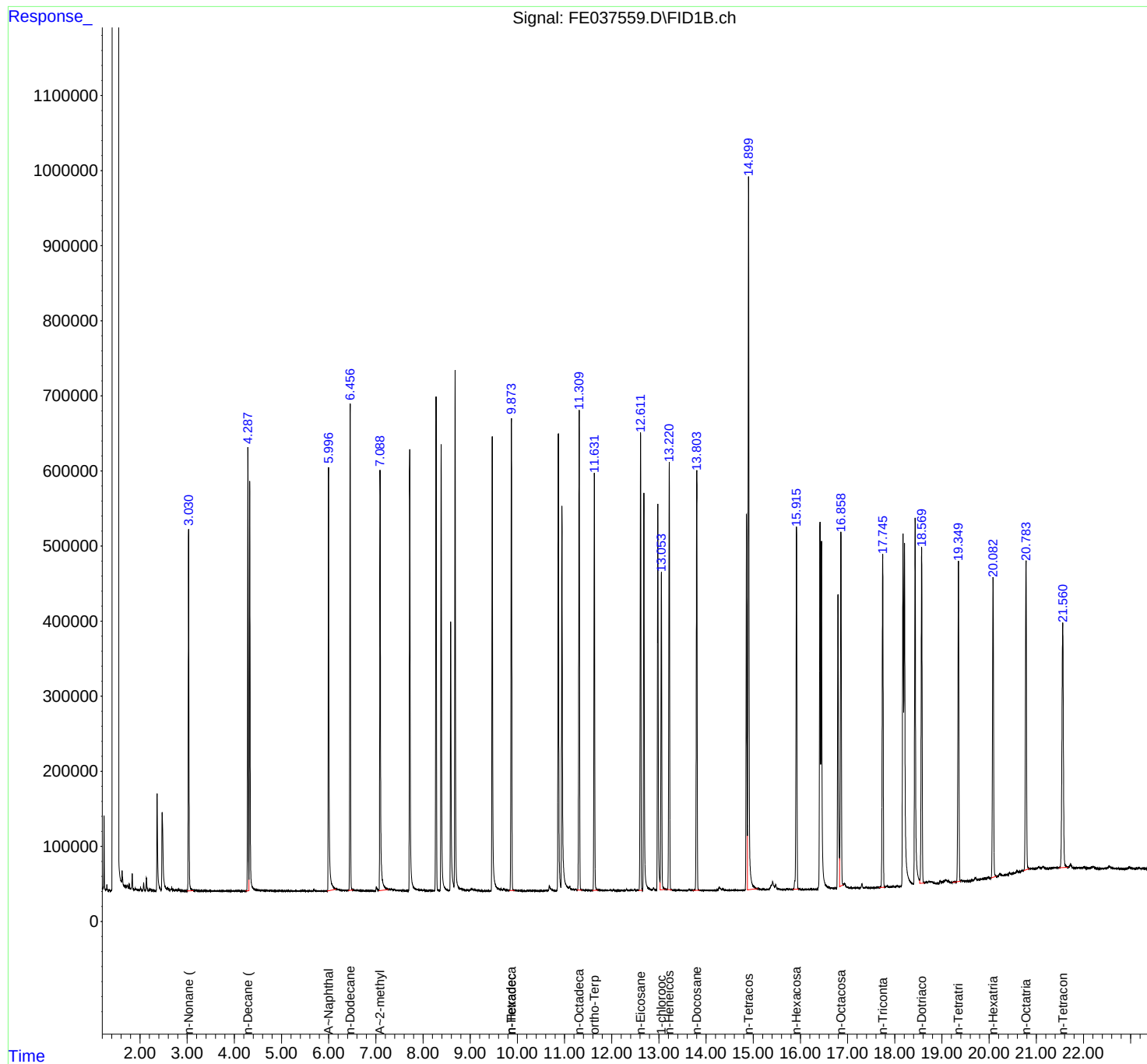
Instrument :
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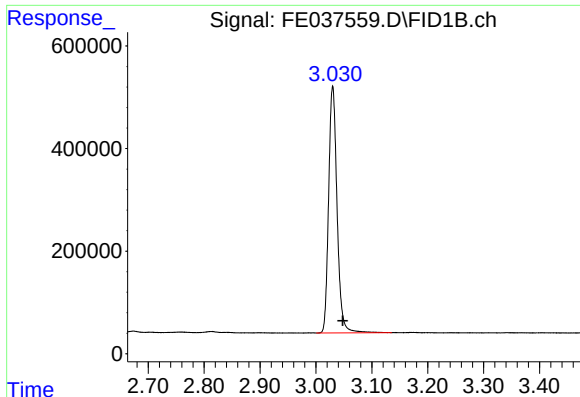
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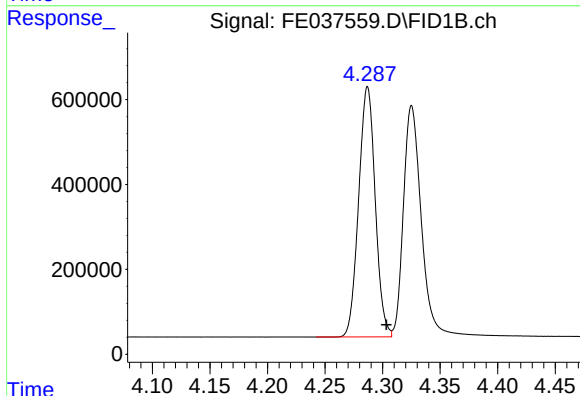
#1 n-Nonane (C9)

R.T.: 3.030 min
Delta R.T.: -0.018 min
Response: 5047074
Conc: 32.99 ug/ml

Instrument :
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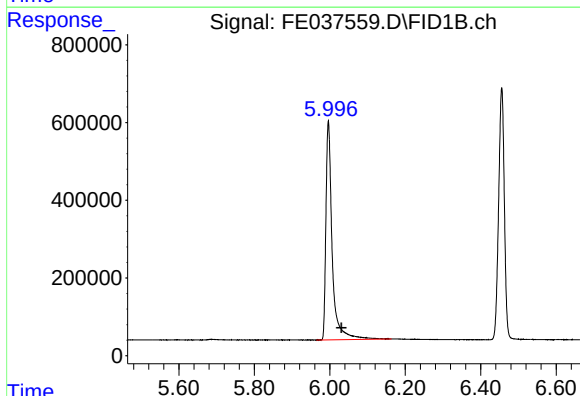
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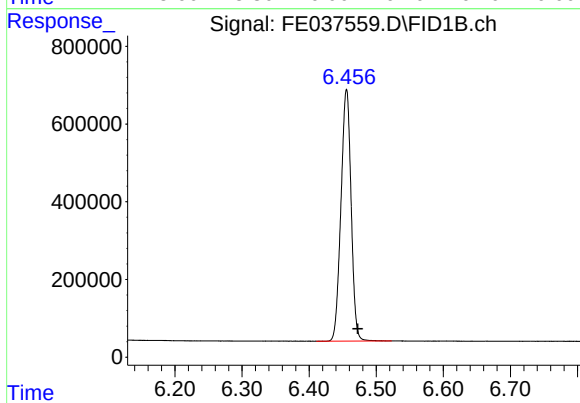
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.016 min
Response: 5912951
Conc: 38.35 ug/ml



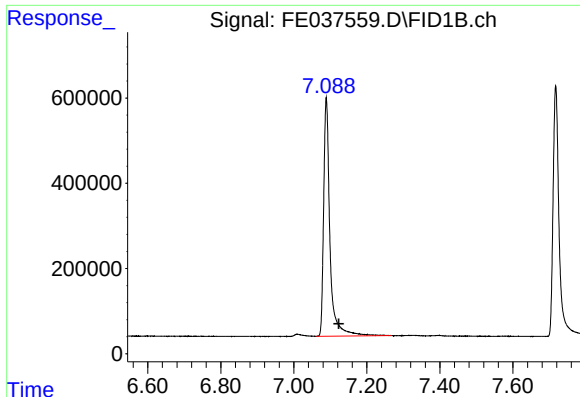
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.034 min
Response: 6531159
Conc: 45.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.456 min
Delta R.T.: -0.017 min
Response: 6802953
Conc: 43.02 ug/ml



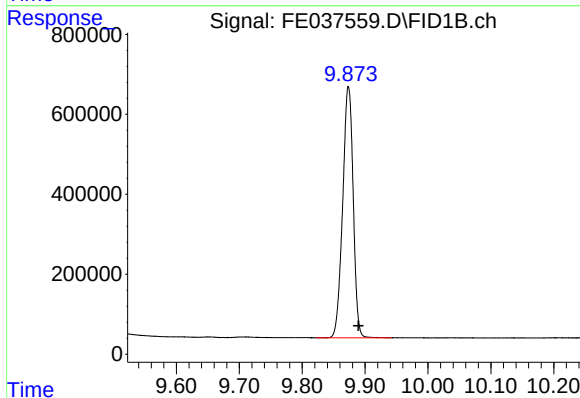
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.089 min
Delta R.T.: -0.034 min
Response: 6713924
Conc: 48.09 ug/ml

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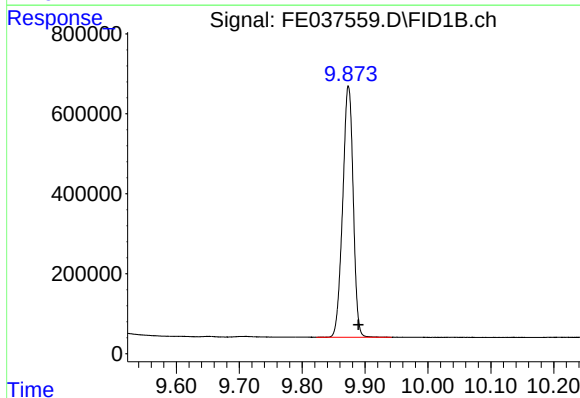
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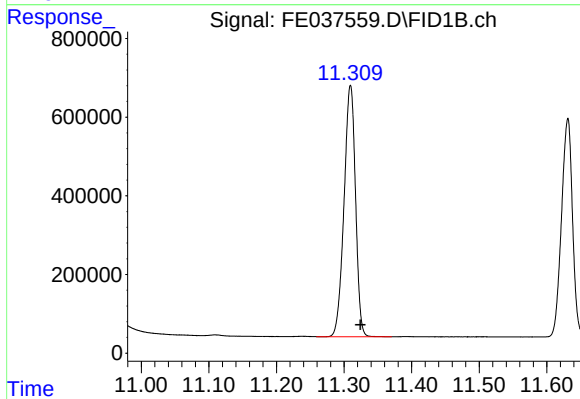
#6 n-Tetradecane (C14)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 7307328
Conc: 46.12 ug/ml



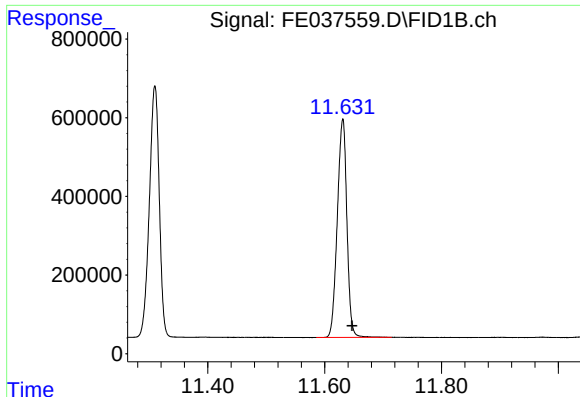
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 7307328
Conc: 46.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.015 min
Response: 7531937
Conc: 47.30 ug/ml



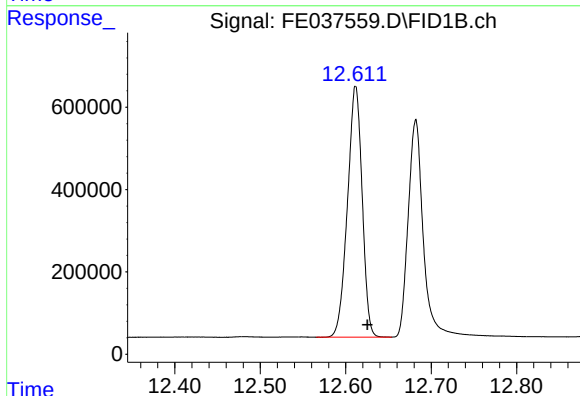
#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.016 min
Response: 6322569
Conc: 37.41 ug/ml

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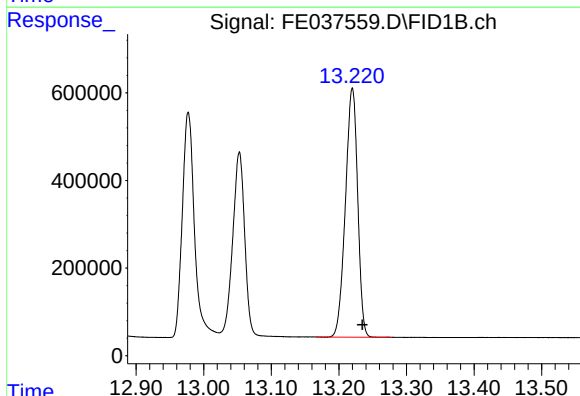
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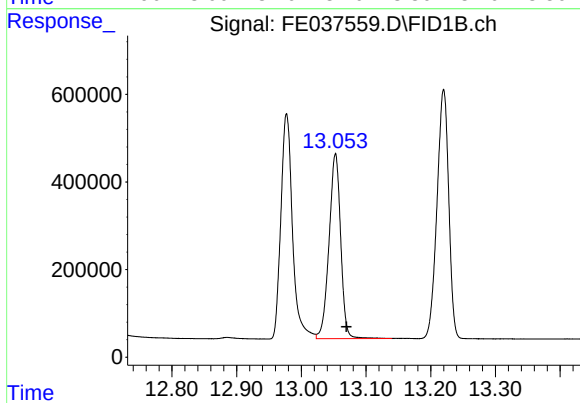
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.014 min
Response: 7279535
Conc: 46.01 ug/ml



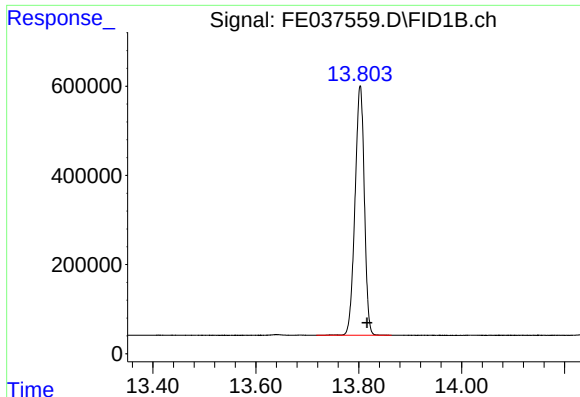
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.015 min
Response: 7161141
Conc: 45.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.017 min
Response: 5278284
Conc: 41.01 ug/ml



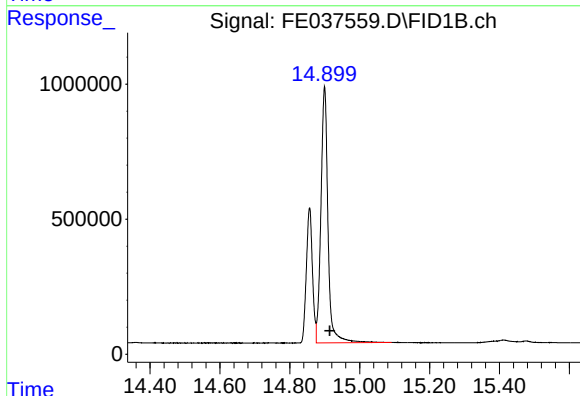
#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.013 min
Response: 7040409
Conc: 45.23 ug/ml

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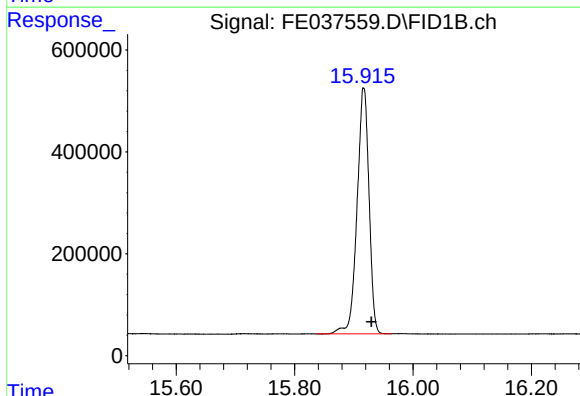
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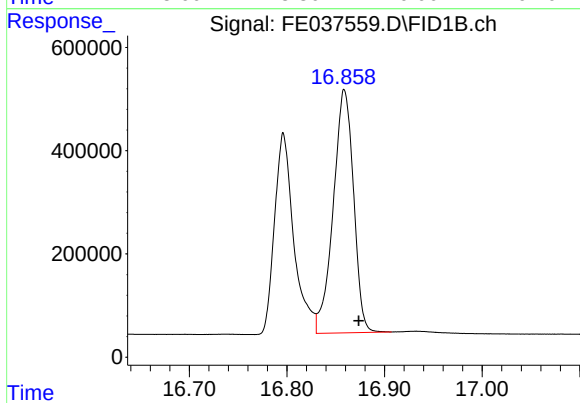
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.015 min
Response: 13317562
Conc: 88.55 ug/ml



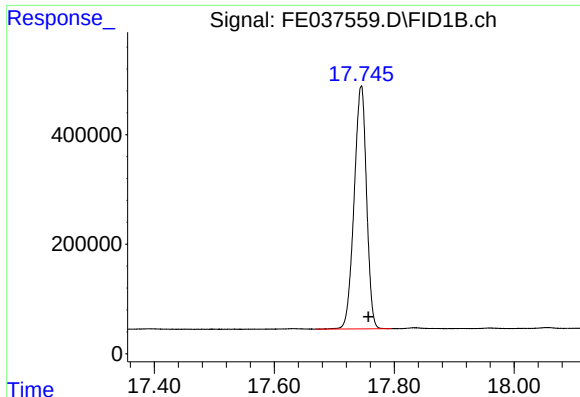
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.013 min
Response: 6771730
Conc: 46.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.015 min
Response: 6808214
Conc: 49.14 ug/ml



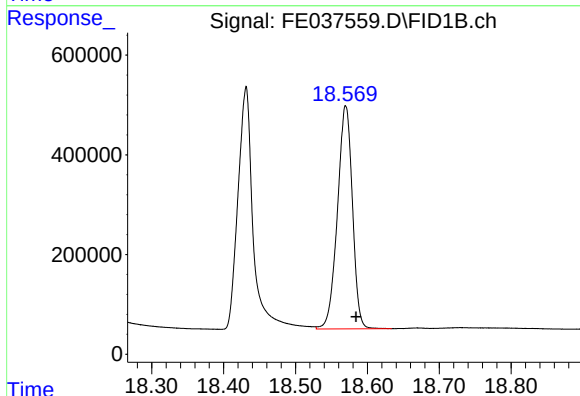
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 6374082
Conc: 46.86 ug/ml

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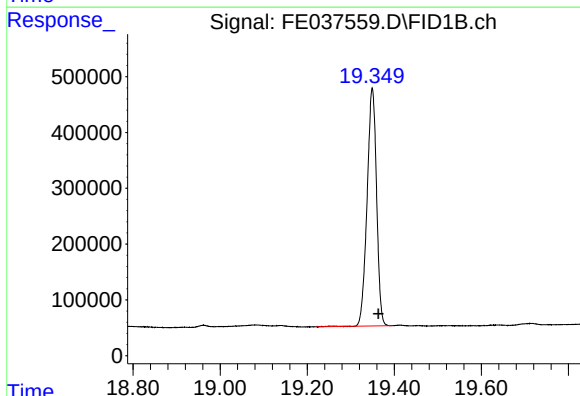
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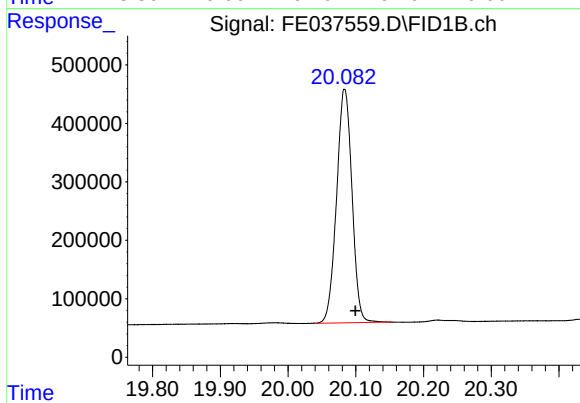
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.014 min
Response: 6486964
Conc: 48.58 ug/ml



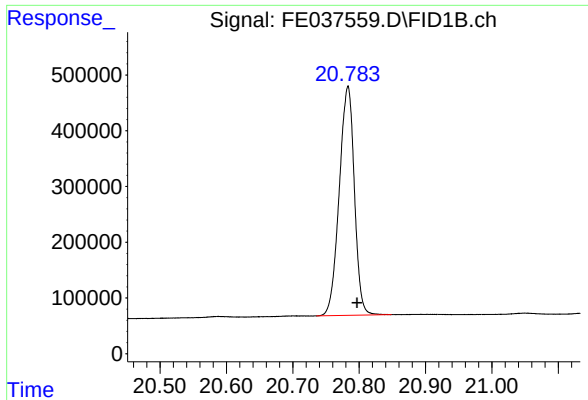
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.014 min
Response: 6431875
Conc: 50.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: -0.017 min
Response: 6320495
Conc: 49.14 ug/ml m



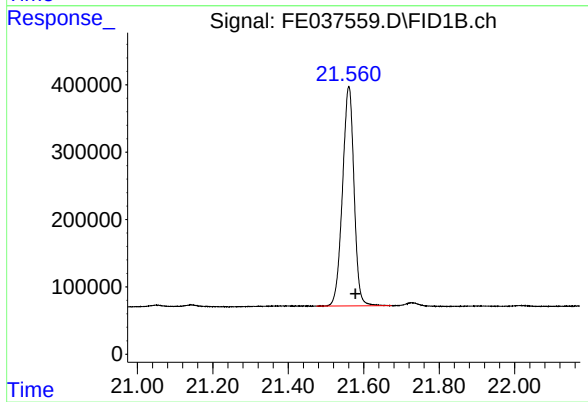
#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.013 min
Response: 6513155
Conc: 52.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.018 min
Response: 6928313
Conc: 53.74 ug/ml