

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037569.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 03:20
 Operator : YP\AJ
 Sample : N4589-01MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 6MS

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 04:53:10 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)	11.630	4705892	27.847 ug/ml
Spiked Amount 50.000		Recovery =	55.69%
12) S 1-chlorooctadecane (S...	13.052	3564606	27.697 ug/ml
Spiked Amount 50.000		Recovery =	55.39%
Target Compounds			
1) T n-Nonane (C9)	3.050	7733479	50.544 ug/ml
2) T n-Decane (C10)	4.296	7837691	50.836 ug/ml
3) T A~Naphthalene (C11.7)	6.000	8050153	55.876 ug/ml
4) T n-Dodecane (C12)	6.458	8153359	51.560 ug/ml
5) T A~2-methylnaphthalene...	7.091	7708027	55.210 ug/ml
6) T n-Tetradecane (C14)	9.874	7944089	50.135 ug/ml
7) T n-Hexadecane (C16)	9.874	7944089	50.135 ug/ml
8) T n-Octadecane (C18)	11.310	7945950	49.898 ug/ml
10) T n-Eicosane (C20)	12.612	7717330	48.776 ug/ml
11) T n-Heneicosane (C21)	13.220	7502717	47.579 ug/ml
13) T n-Docosane (C22)	13.803	7397182	47.518 ug/ml
14) T n-Tetracosane (C24)	14.900	14842937	98.687 ug/ml
15) T n-Hexacosane (C26)	15.917	7166513	49.491 ug/ml
16) T n-Octacosane (C28)	16.859	7513106	54.231 ug/ml
17) T n-Tricontane (C30)	17.747	7053513	51.852 ug/ml
18) T n-Dotriacontane (C32)	18.573	7479070	56.009 ug/ml
19) T n-Tetratriacontane (C34)	19.354	7150198	56.511 ug/ml
20) T n-Hexatriacontane (C36)	20.089	7077519	55.029 ug/mlm
21) T n-Octatriacontane (C38)	20.787	7178237	57.675 ug/mlm
22) T n-Tetracontane (C40)	21.567	8431842	65.406 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 30 Sample Multiplier: 1

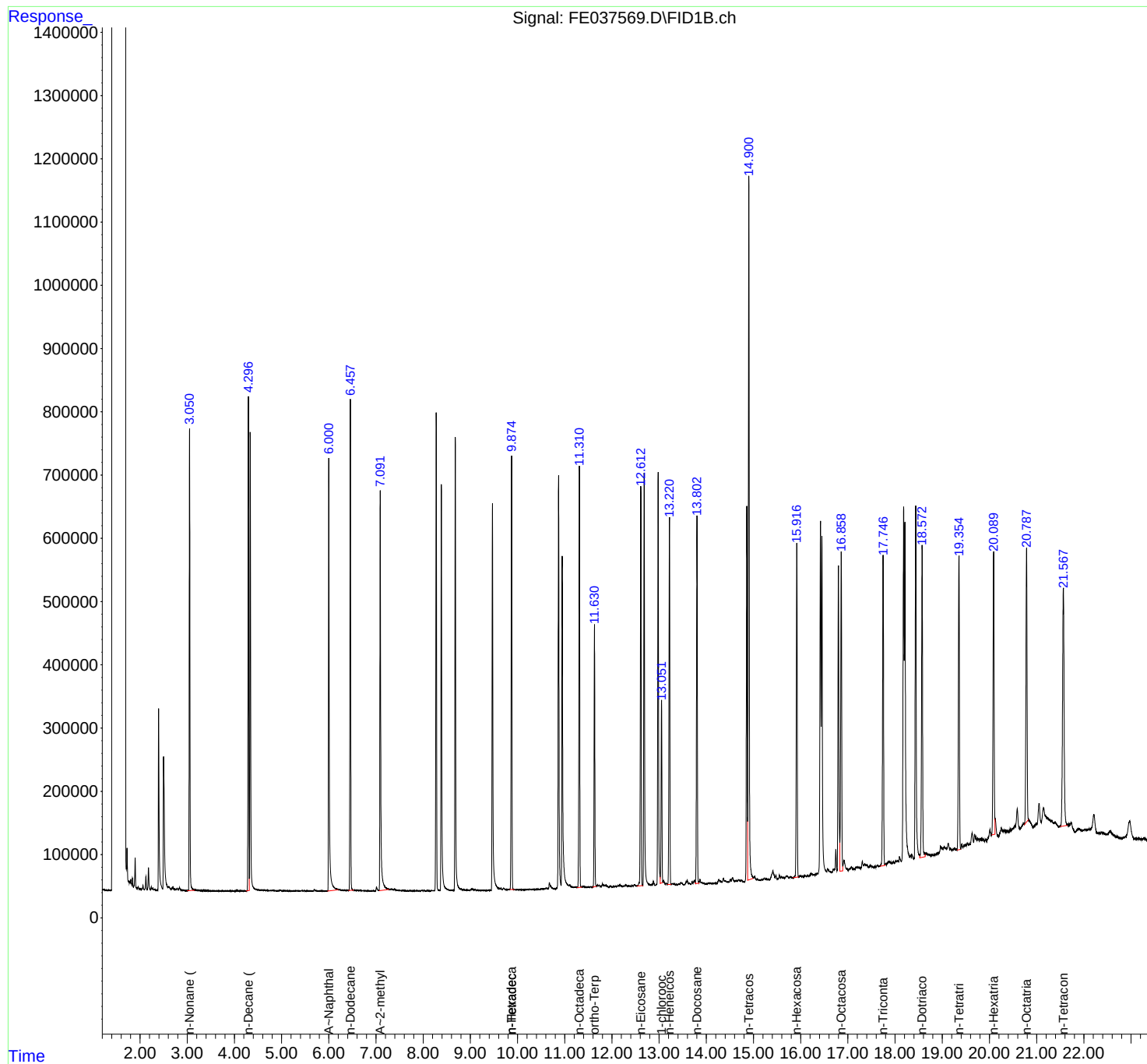
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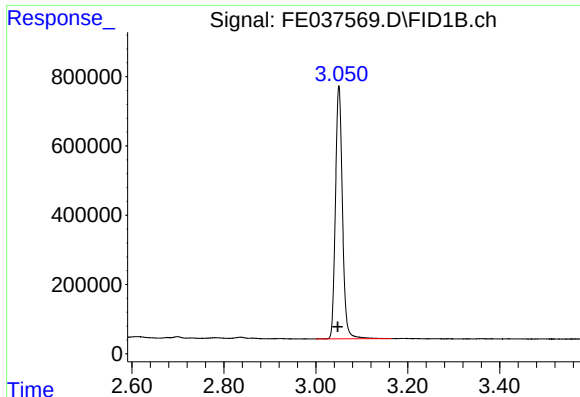
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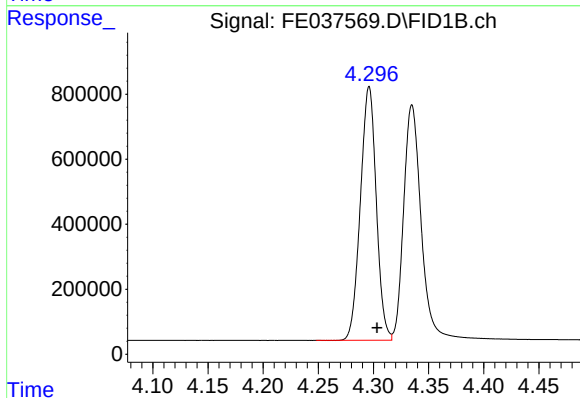
#1 n-Nonane (C9)

R.T.: 3.050 min
Delta R.T.: 0.002 min
Response: 7733479
Conc: 50.54 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS

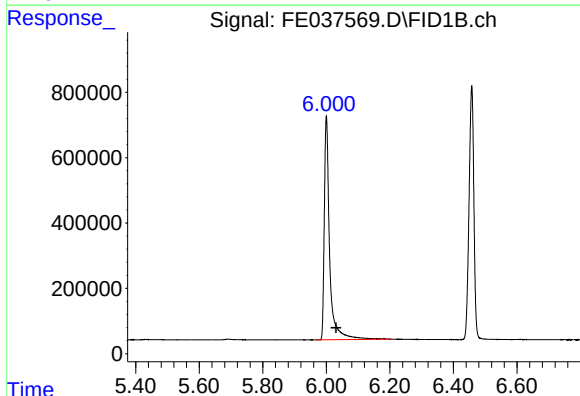
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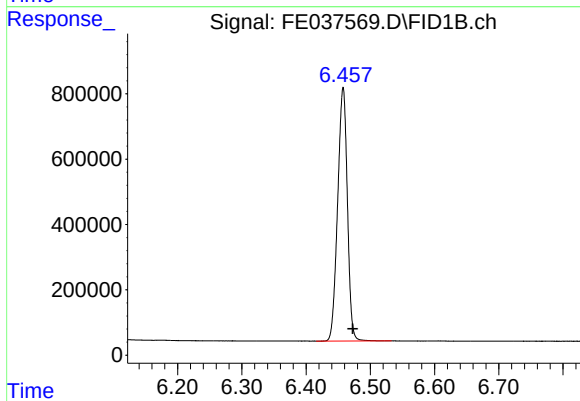
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 7837691
Conc: 50.84 ug/ml



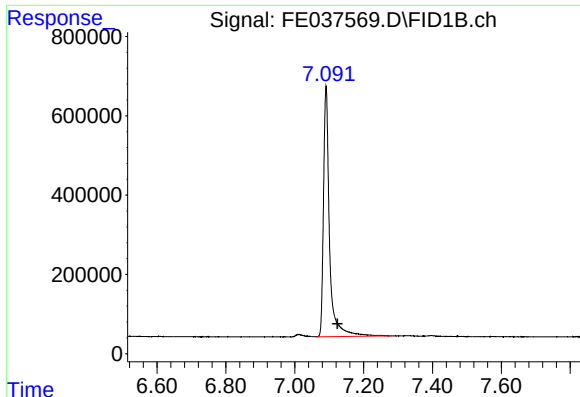
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.030 min
Response: 8050153
Conc: 55.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.458 min
Delta R.T.: -0.015 min
Response: 8153359
Conc: 51.56 ug/ml



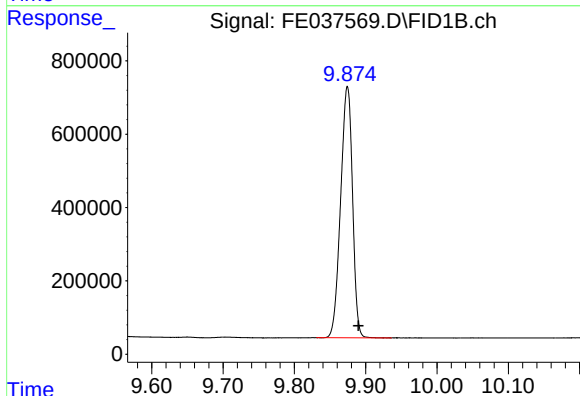
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: -0.032 min
Response: 7708027
Conc: 55.21 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS

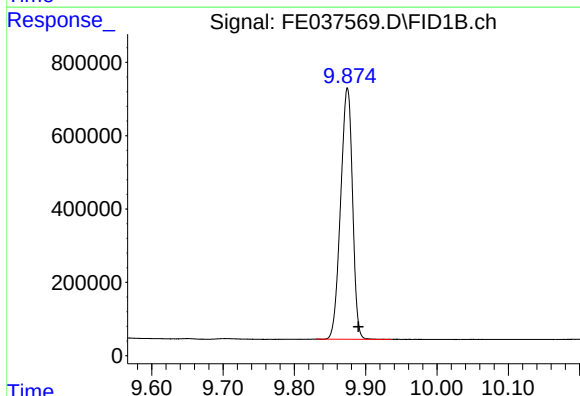
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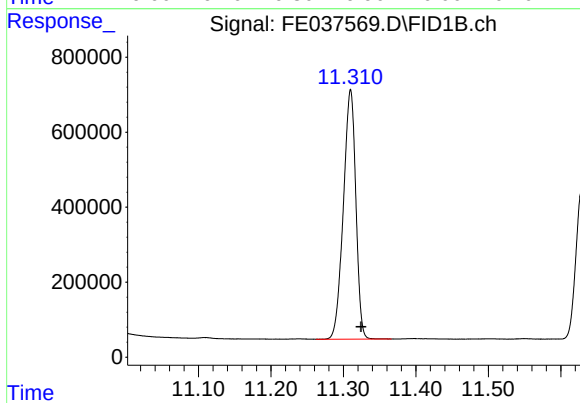
#6 n-Tetradecane (C14)

R.T.: 9.874 min
Delta R.T.: -0.015 min
Response: 7944089
Conc: 50.14 ug/ml



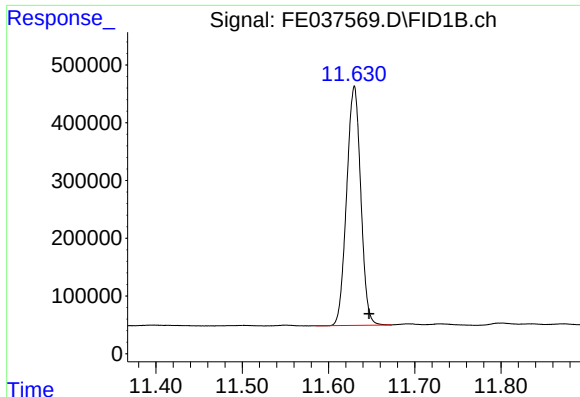
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.015 min
Response: 7944089
Conc: 50.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.310 min
Delta R.T.: -0.014 min
Response: 7945950
Conc: 49.90 ug/ml



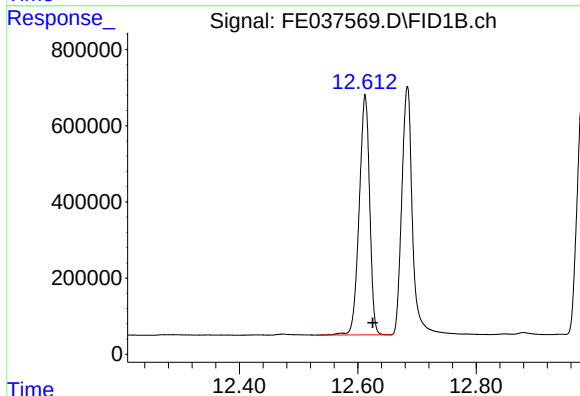
#9 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.017 min
Response: 4705892
Conc: 27.85 ug/ml

Instrument :
FID_E
ClientSampleId :
6MS

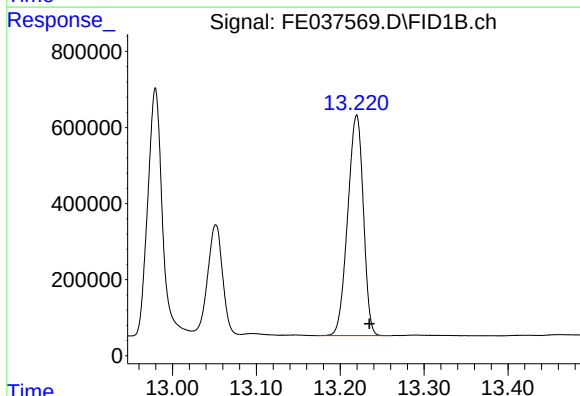
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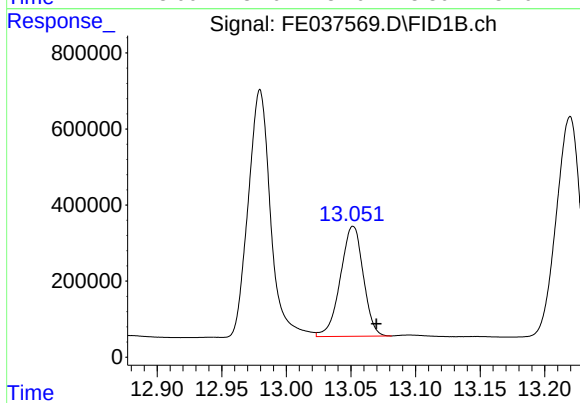
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.013 min
Response: 7717330
Conc: 48.78 ug/ml



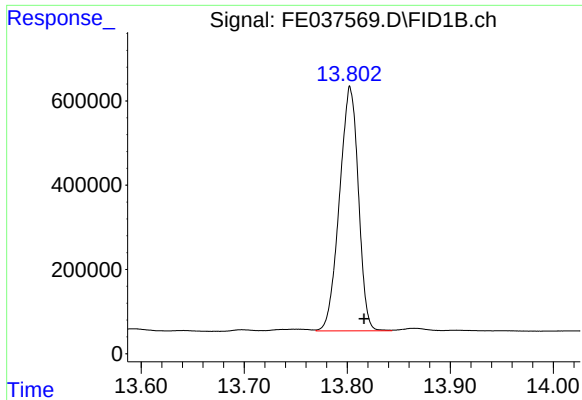
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.015 min
Response: 7502717
Conc: 47.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.018 min
Response: 3564606
Conc: 27.70 ug/ml



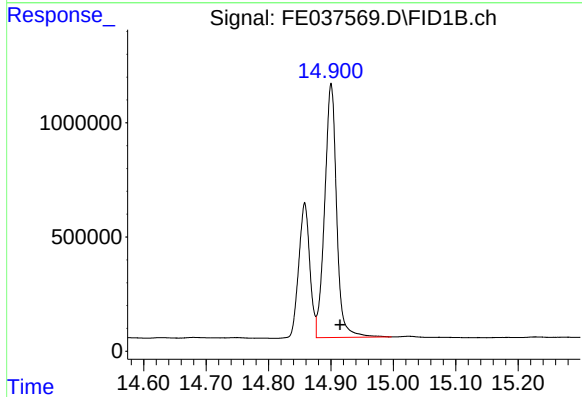
#13 n-Docosane (C22)

R.T.: 13.803 min
Delta R.T.: -0.014 min
Response: 7397182
Conc: 47.52 ug/ml

Instrument :
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ClientSampleId :
6MS

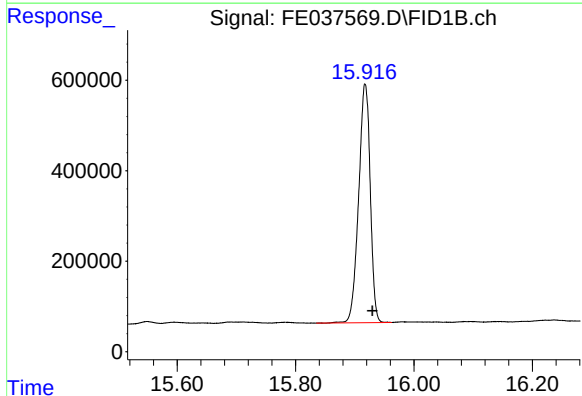
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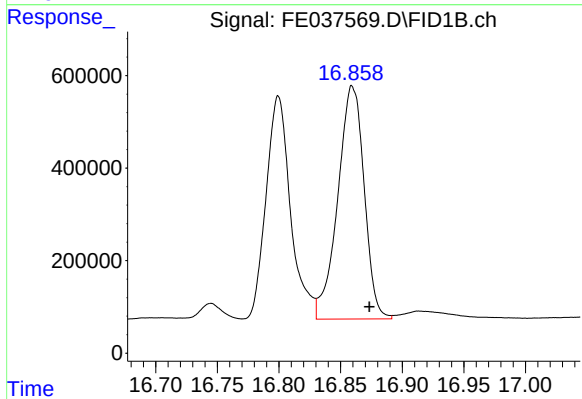
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.014 min
Response: 14842937
Conc: 98.69 ug/ml



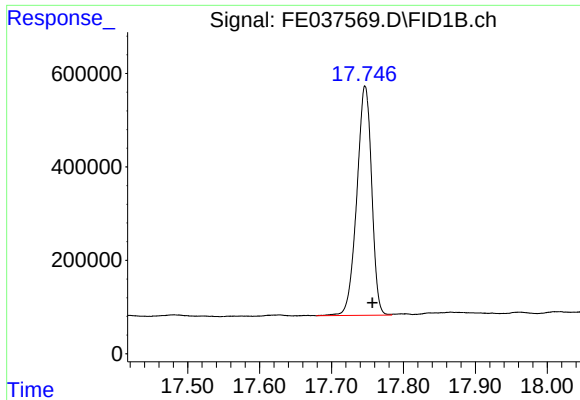
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.012 min
Response: 7166513
Conc: 49.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.014 min
Response: 7513106
Conc: 54.23 ug/ml



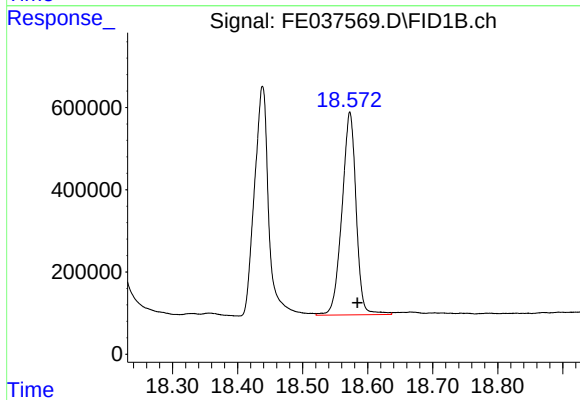
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: -0.010 min
Response: 7053513
Conc: 51.85 ug/ml

Instrument :
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6MS

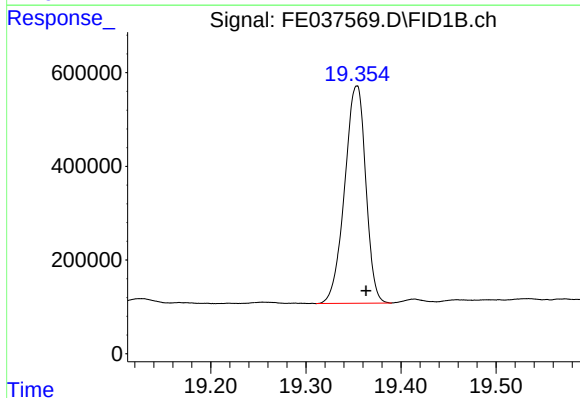
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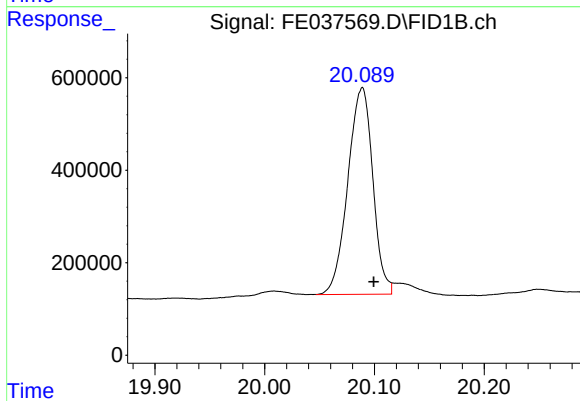
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: -0.012 min
Response: 7479070
Conc: 56.01 ug/ml



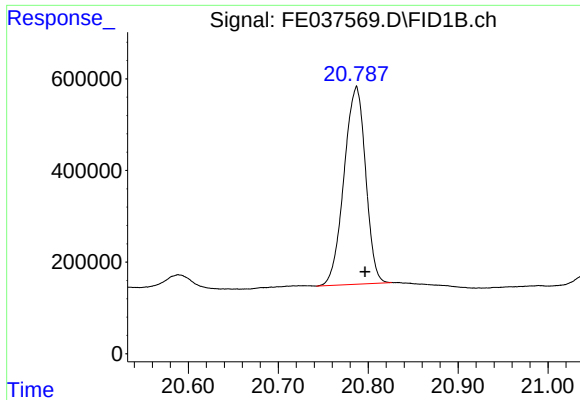
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.010 min
Response: 7150198
Conc: 56.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.011 min
Response: 7077519
Conc: 55.03 ug/ml m



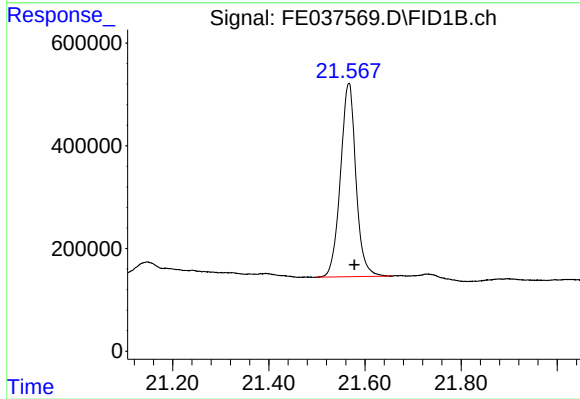
#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.010 min
Response: 7178237
Conc: 57.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: -0.012 min
Response: 8431842
Conc: 65.41 ug/ml m