

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037379.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 14:04
 Operator : YP\AJ
 Sample : PB147402BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147402BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:19:11 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)	11.642	7467011	44.185 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
12) S 1-chlorooctadecane (S...	13.062	6178777	48.009 ug/ml
Spiked Amount 50.000		Recovery =	96.02%
Target Compounds			
1) T n-Nonane (C9)	3.049	5835709	38.140 ug/ml
2) T n-Decane (C10)	4.300	6101228	39.573 ug/ml
3) T A~Naphthalene (C11.7)	6.010	6439498	44.697 ug/ml
4) T n-Dodecane (C12)	6.466	6713033	42.452 ug/ml
5) T A~2-methylnaphthalene...	7.101	6494950	46.521 ug/ml
6) T n-Tetradecane (C14)	9.884	7359343	46.445 ug/ml
7) T n-Hexadecane (C16)	9.884	7359343	46.445 ug/ml
8) T n-Octadecane (C18)	11.319	7548230	47.401 ug/ml
10) T n-Eicosane (C20)	12.621	7296679	46.117 ug/ml
11) T n-Heneicosane (C21)	13.229	7192039	45.609 ug/ml
13) T n-Docosane (C22)	13.812	7066663	45.395 ug/ml
14) T n-Tetracosane (C24)	14.908	13408316	89.149 ug/ml
15) T n-Hexacosane (C26)	15.925	6583249	45.463 ug/ml
16) T n-Octacosane (C28)	16.868	7323253	52.861 ug/ml
17) T n-Tricontane (C30)	17.752	6209801	45.650 ug/ml
18) T n-Dotriacontane (C32)	18.579	6348657	47.544 ug/ml
19) T n-Tetratriacontane (C34)	19.357	6208869	49.071 ug/ml
20) T n-Hexatriacontane (C36)	20.091	5960831	46.347 ug/mlm
21) T n-Octatriacontane (C38)	20.789	5881958	47.260 ug/ml
22) T n-Tetracontane (C40)	21.569	6185928	47.984 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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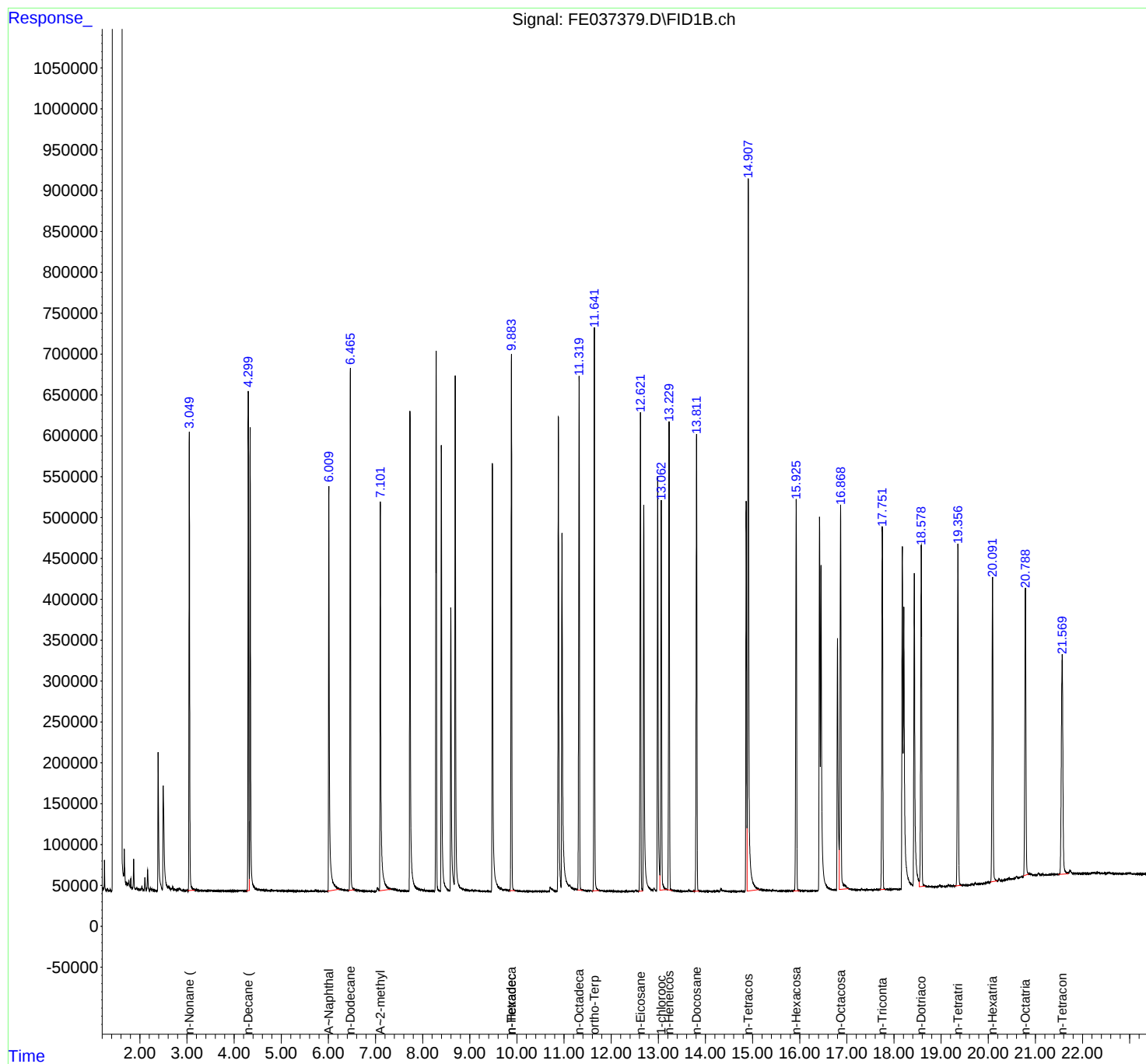
Instrument :
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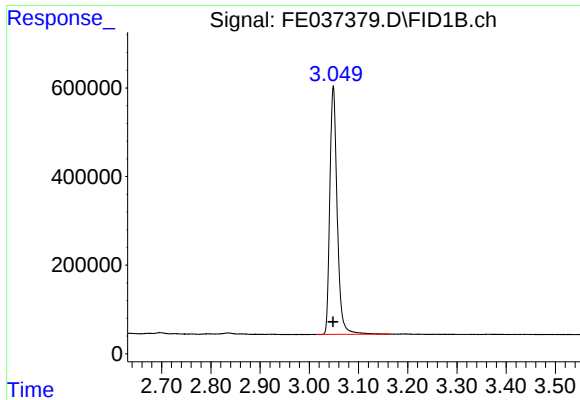
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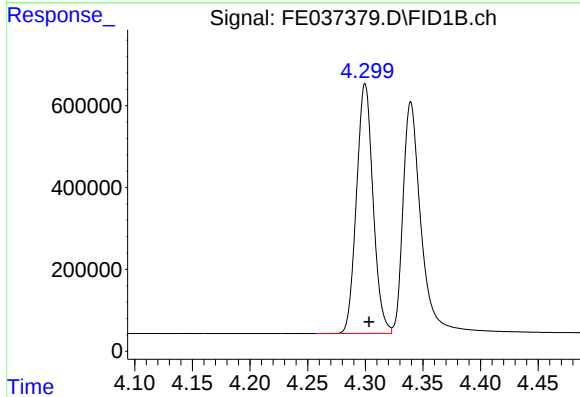
#1 n-Nonane (C9)

R.T.: 3.049 min
Delta R.T.: 0.000 min
Response: 5835709
Conc: 38.14 ug/ml

Instrument :
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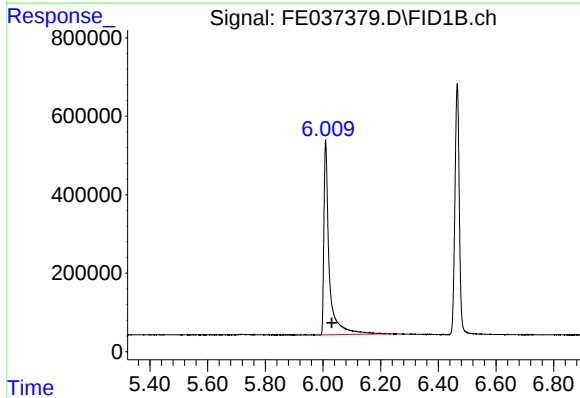
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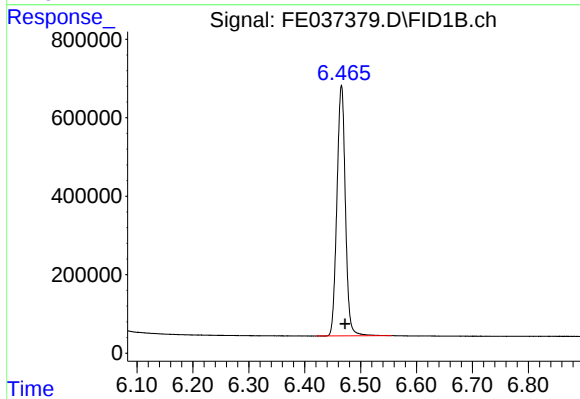
#2 n-Decane (C10)

R.T.: 4.300 min
Delta R.T.: -0.003 min
Response: 6101228
Conc: 39.57 ug/ml



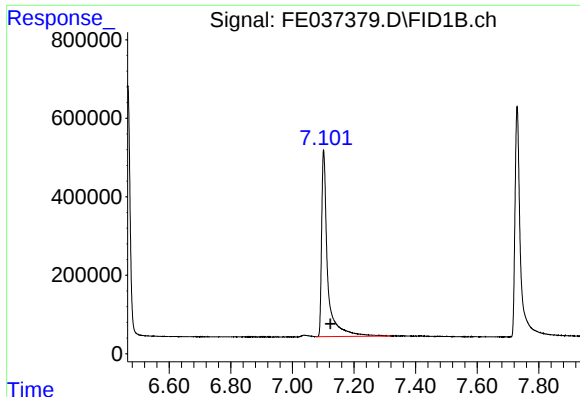
#3 A~Naphthalene (C11.7)

R.T.: 6.010 min
Delta R.T.: -0.021 min
Response: 6439498
Conc: 44.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.466 min
Delta R.T.: -0.007 min
Response: 6713033
Conc: 42.45 ug/ml



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

R.T.: 7.101 min
Delta R.T.: -0.022 min
Response: 6494950
Conc: 46.52 ug/ml

Instrument :

FID_E

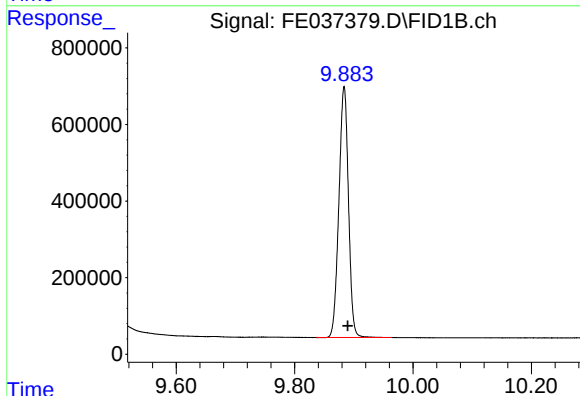
ClientSampleId :

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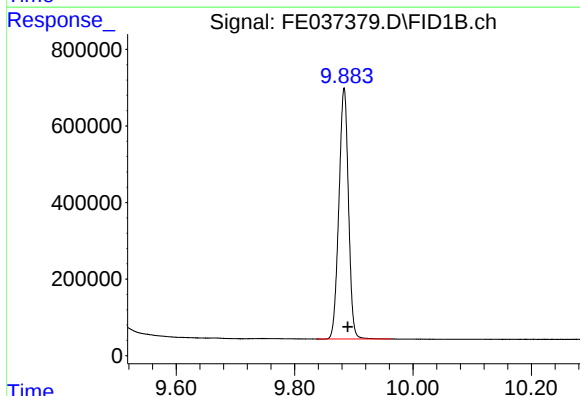
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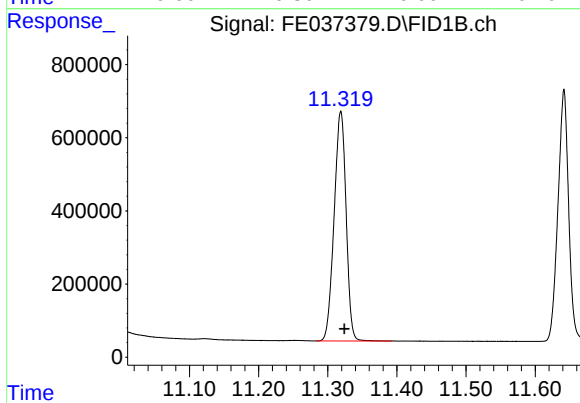
#6 n-Tetradecane (C14)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 7359343
Conc: 46.44 ug/ml



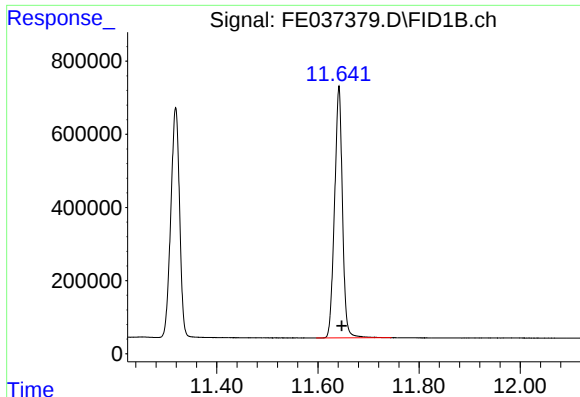
#7 n-Hexadecane (C16)

R.T.: 9.884 min
Delta R.T.: -0.006 min
Response: 7359343
Conc: 46.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.005 min
Response: 7548230
Conc: 47.40 ug/ml



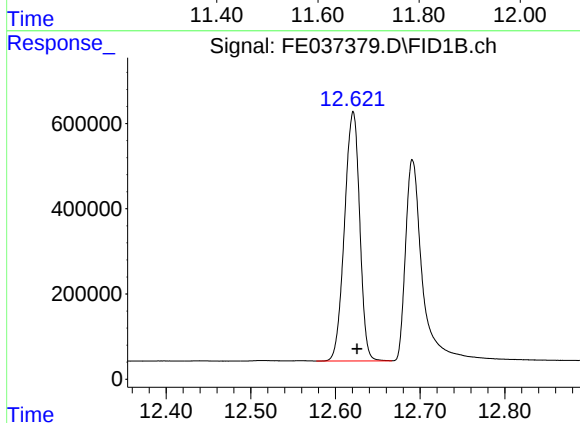
#9 ortho-Terphenyl (SURR)

R.T.: 11.642 min
Delta R.T.: -0.005 min
Response: 7467011
Conc: 44.19 ug/ml

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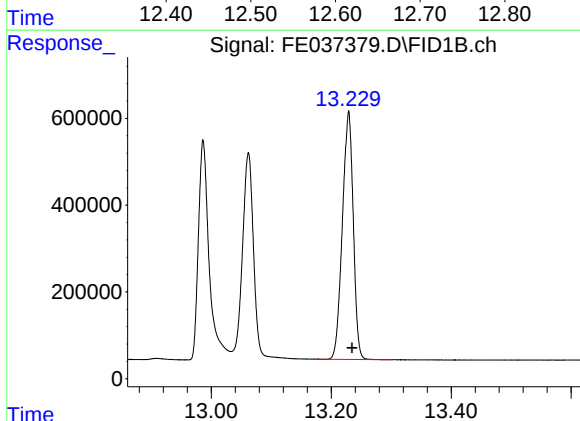
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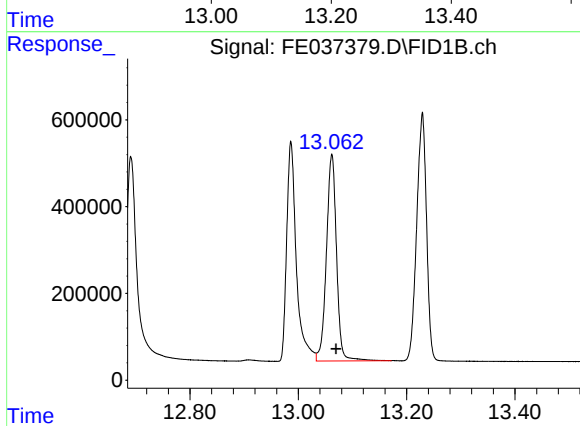
#10 n-Eicosane (C20)

R.T.: 12.621 min
Delta R.T.: -0.004 min
Response: 7296679
Conc: 46.12 ug/ml



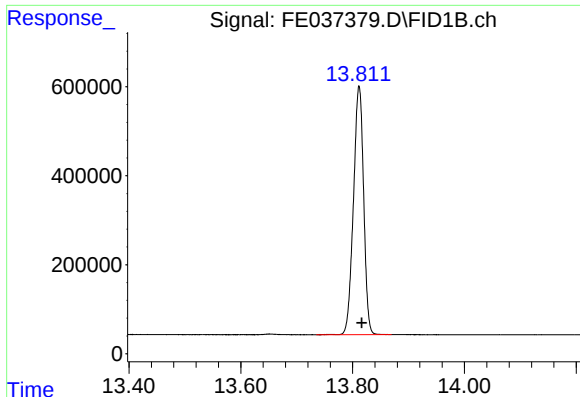
#11 n-Heneicosane (C21)

R.T.: 13.229 min
Delta R.T.: -0.006 min
Response: 7192039
Conc: 45.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.062 min
Delta R.T.: -0.008 min
Response: 6178777
Conc: 48.01 ug/ml



#13 n-Docosane (C22)

R.T.: 13.812 min
Delta R.T.: -0.005 min
Response: 7066663
Conc: 45.40 ug/ml

Instrument :

FID_E

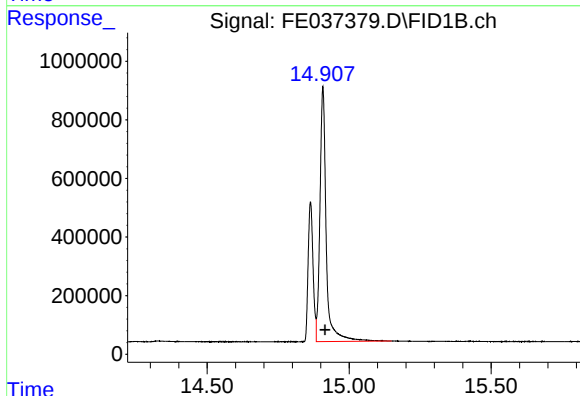
ClientSampleId :

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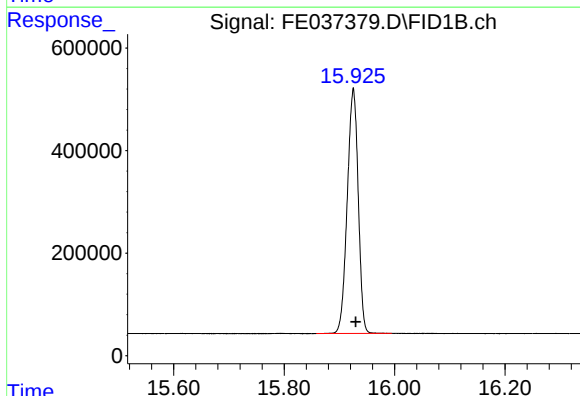
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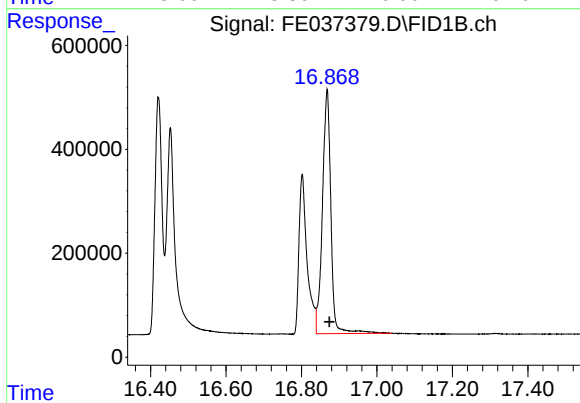
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 13408316
Conc: 89.15 ug/ml



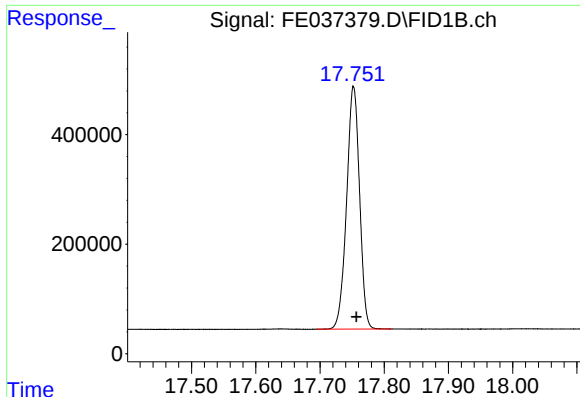
#15 n-Hexacosane (C26)

R.T.: 15.925 min
Delta R.T.: -0.004 min
Response: 6583249
Conc: 45.46 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.868 min
Delta R.T.: -0.005 min
Response: 7323253
Conc: 52.86 ug/ml



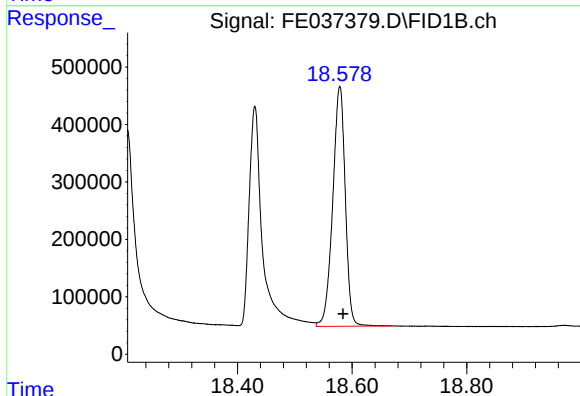
#17 n-Tricontane (C30)

R.T.: 17.752 min
Delta R.T.: -0.005 min
Response: 6209801
Conc: 45.65 ug/ml

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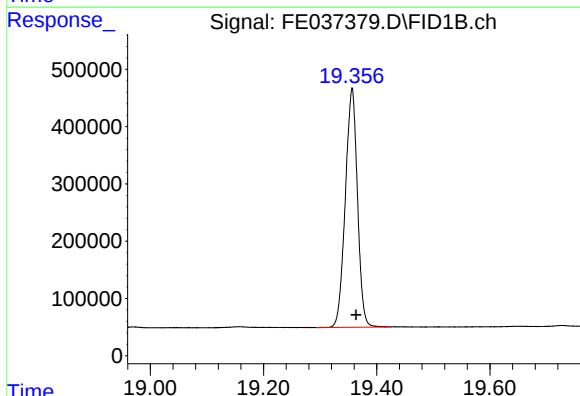
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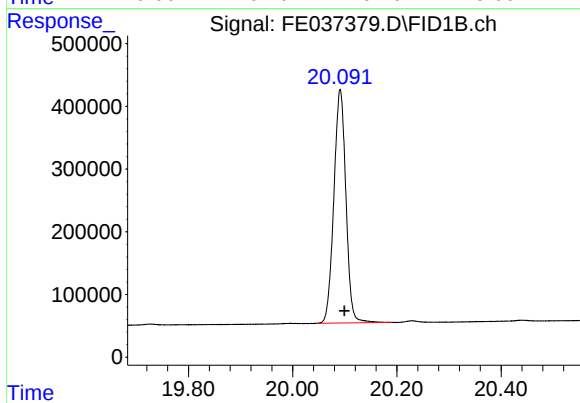
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.006 min
Response: 6348657
Conc: 47.54 ug/ml



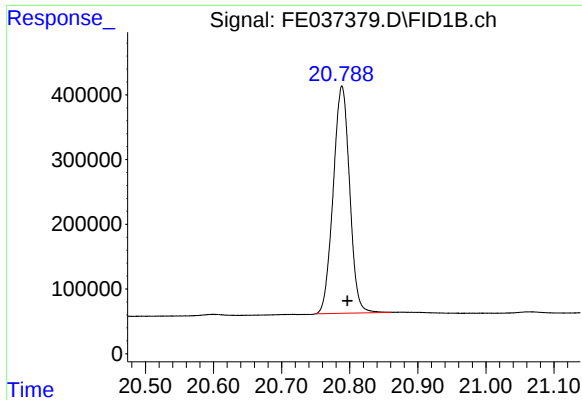
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.007 min
Response: 6208869
Conc: 49.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.008 min
Response: 5960831
Conc: 46.35 ug/ml m



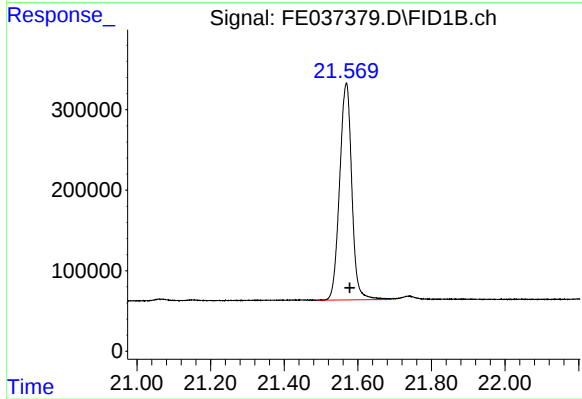
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.008 min
Response: 5881958
Conc: 47.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.569 min
Delta R.T.: -0.009 min
Response: 6185928
Conc: 47.98 ug/ml