

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037279.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 19:02
 Operator : YP\AJ
 Sample : N4375-07MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/29/2022
 Supervised By :Ankita Jodhani 08/29/2022

Integration File: autoint1.e
 Quant Time: Aug 27 02:43:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 27 02:21:03 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)	11.660	4839857	28.005 ug/ml
Spiked Amount 50.000		Recovery =	56.01%
12) S 1-chlorooctadecane (S...	13.082	3881331	28.408 ug/ml
Spiked Amount 50.000		Recovery =	56.82%
Target Compounds			
1) T n-Nonane (C9)	3.057	4108486	27.578 ug/ml
2) T n-Decane (C10)	4.354	4740821	31.649 ug/ml
3) T A~Naphthalene (C11.7)	6.025	5170873	35.719 ug/ml
4) T n-Dodecane (C12)	6.481	5477989	35.435 ug/ml
5) T A~2-methylnaphthalene...	7.118	5382134	38.905 ug/ml
6) T n-Tetradecane (C14)	9.901	6244402	39.701 ug/ml
7) T n-Hexadecane (C16)	9.901	6244402	39.701 ug/ml
8) T n-Octadecane (C18)	11.337	6406766	39.754 ug/ml
10) T n-Eicosane (C20)	12.640	6251581	37.968 ug/ml
11) T n-Heneicosane (C21)	13.249	6147714	37.167 ug/ml
13) T n-Docosane (C22)	13.832	6054225	36.445 ug/ml
14) T n-Tetracosane (C24)	14.928	11343036	68.713 ug/ml
15) T n-Hexacosane (C26)	15.946	5634077	34.555 ug/ml
16) T n-Octacosane (C28)	16.888	5639160	35.515 ug/ml
17) T n-Tricontane (C30)	17.773	5286670	34.039 ug/mlm
18) T n-Dotriacontane (C32)	18.600	5273963	35.357 ug/ml
19) T n-Tetratriacontane (C34)	19.380	5262541	39.166 ug/mlm
20) T n-Hexatriacontane (C36)	20.116	5211556	40.595 ug/ml
21) T n-Octatriacontane (C38)	20.814	5136441	42.787 ug/ml
22) T n-Tetracontane (C40)	21.602	5459884	45.206 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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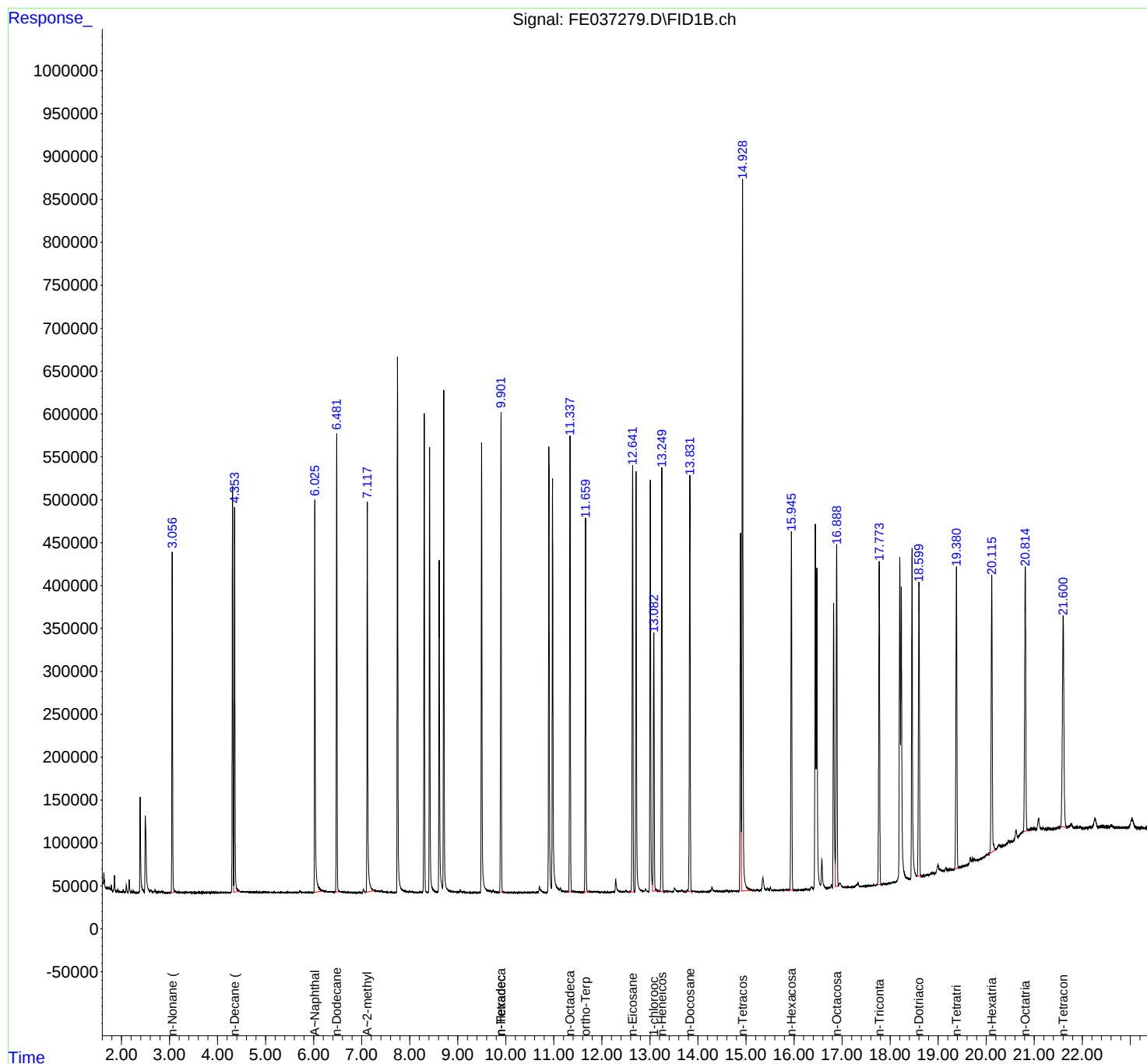
Instrument :
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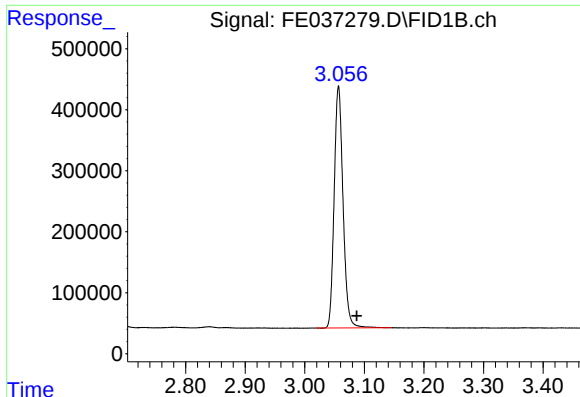
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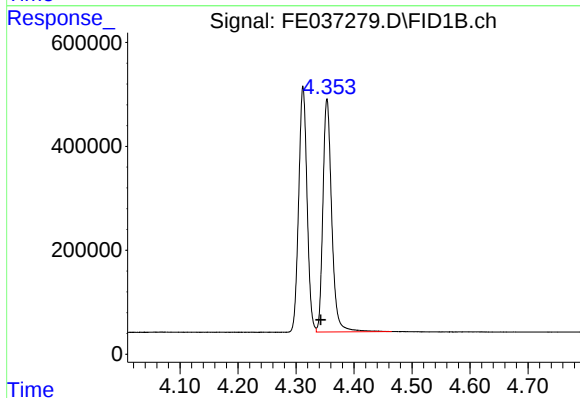
#1 n-Nonane (C9)

R.T.: 3.057 min
Delta R.T.: -0.030 min
Response: 4108486
Conc: 27.58 ug/ml

Instrument :
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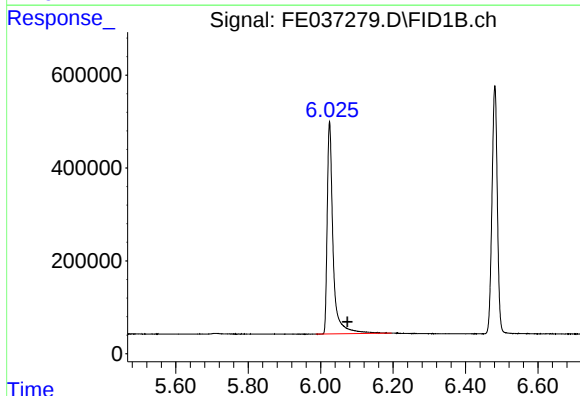
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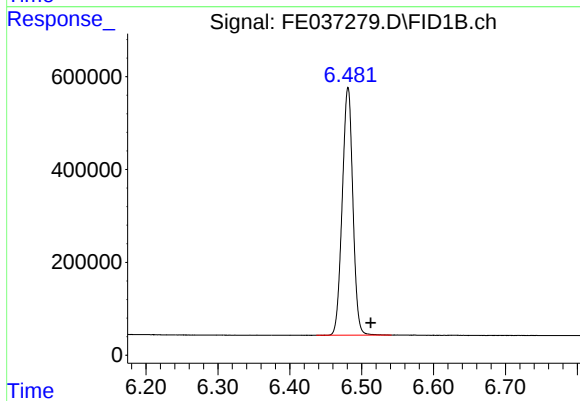
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.011 min
Response: 4740821
Conc: 31.65 ug/ml



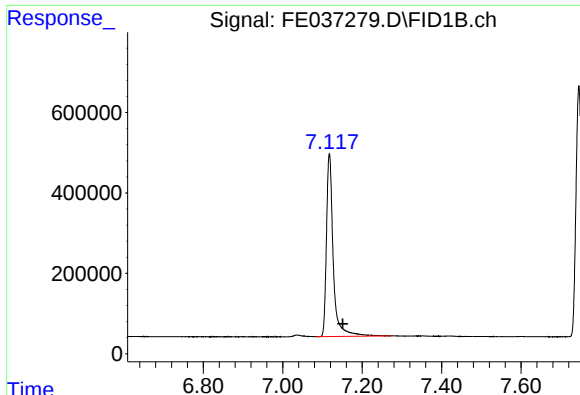
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.049 min
Response: 5170873
Conc: 35.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.031 min
Response: 5477989
Conc: 35.44 ug/ml



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

R.T.: 7.118 min
Delta R.T.: -0.033 min
Response: 5382134
Conc: 38.90 ug/ml

Instrument :

FID_E

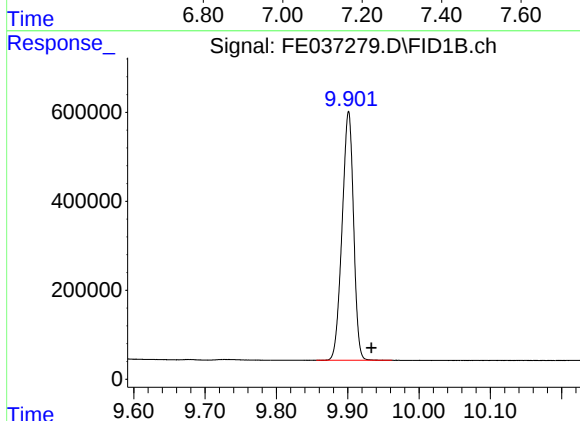
ClientSampleId :

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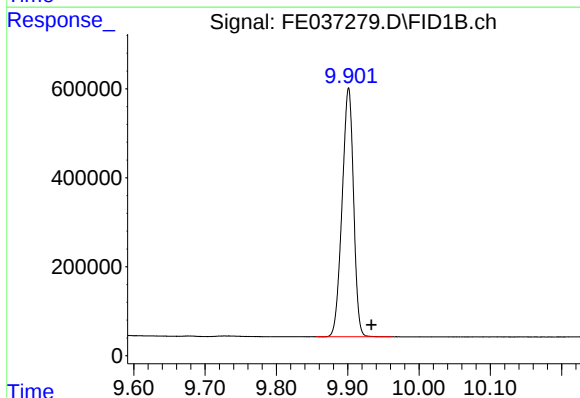
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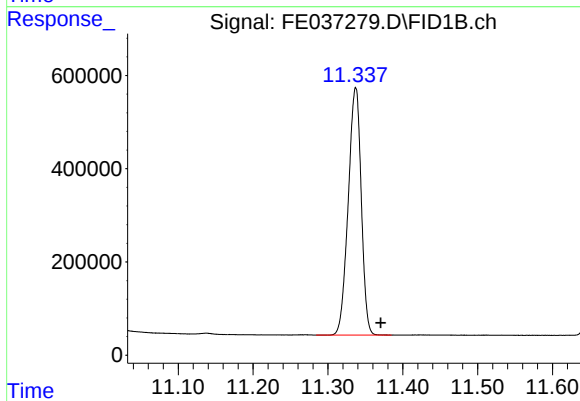
#6 n-Tetradecane (C14)

R.T.: 9.901 min
Delta R.T.: -0.032 min
Response: 6244402
Conc: 39.70 ug/ml



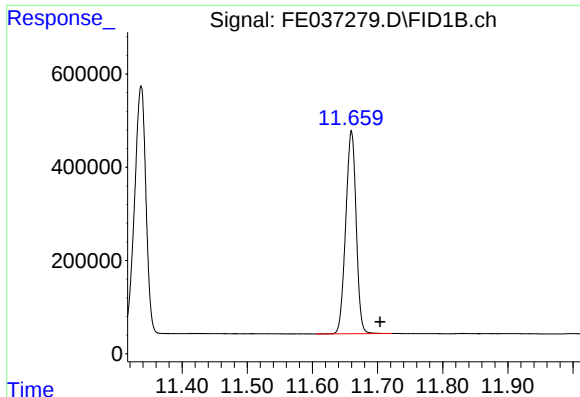
#7 n-Hexadecane (C16)

R.T.: 9.901 min
Delta R.T.: -0.032 min
Response: 6244402
Conc: 39.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.033 min
Response: 6406766
Conc: 39.75 ug/ml



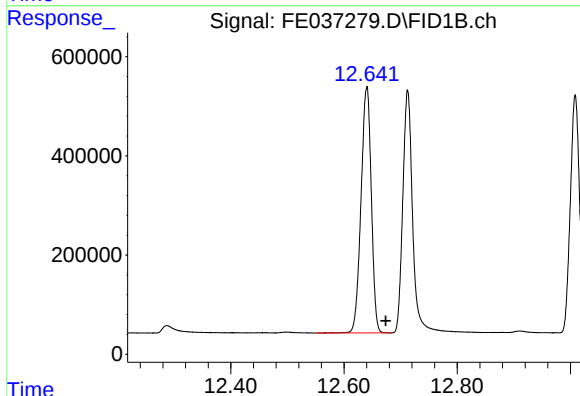
#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.044 min
Response: 4839857
Conc: 28.00 ug/ml

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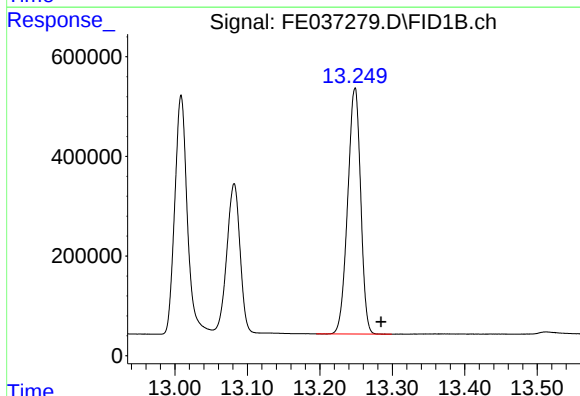
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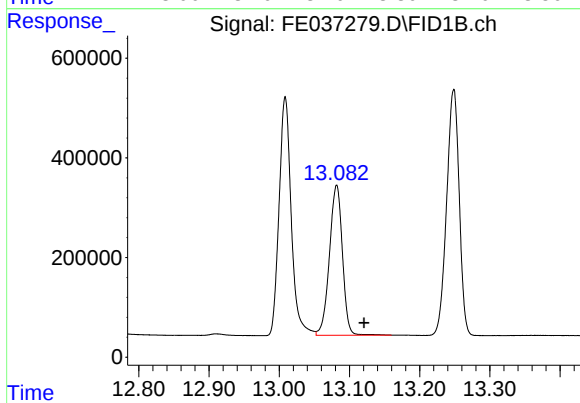
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.034 min
Response: 6251581
Conc: 37.97 ug/ml



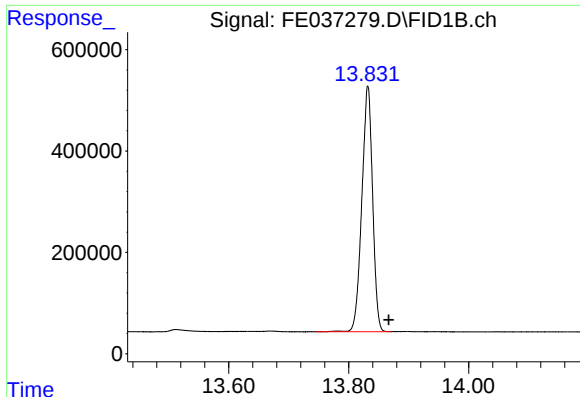
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.036 min
Response: 6147714
Conc: 37.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.082 min
Delta R.T.: -0.039 min
Response: 3881331
Conc: 28.41 ug/ml



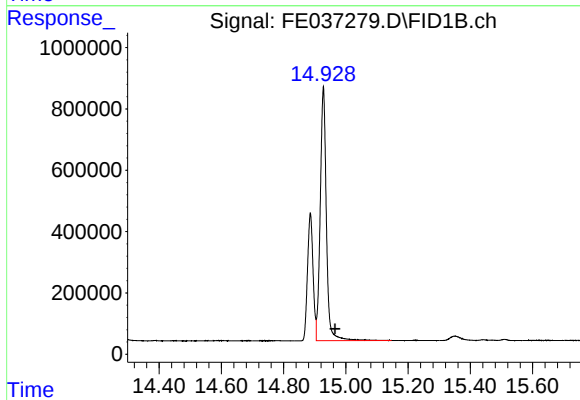
#13 n-Docosane (C22)

R.T.: 13.832 min
Delta R.T.: -0.035 min
Response: 6054225
Conc: 36.44 ug/ml

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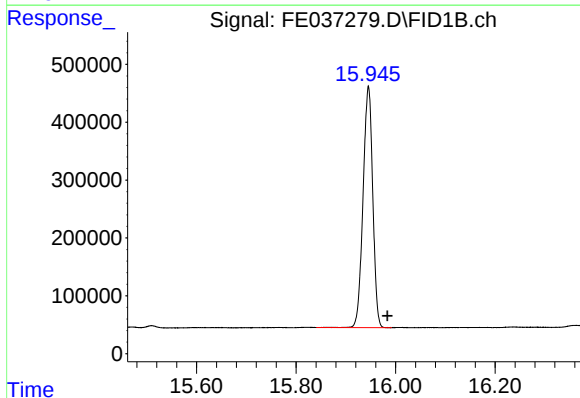
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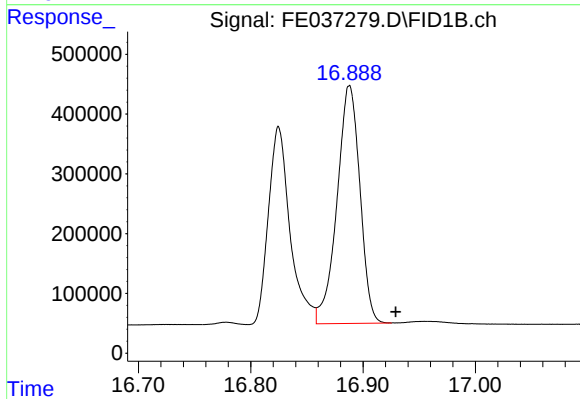
#14 n-Tetracosane (C24)

R.T.: 14.928 min
Delta R.T.: -0.038 min
Response: 11343036
Conc: 68.71 ug/ml



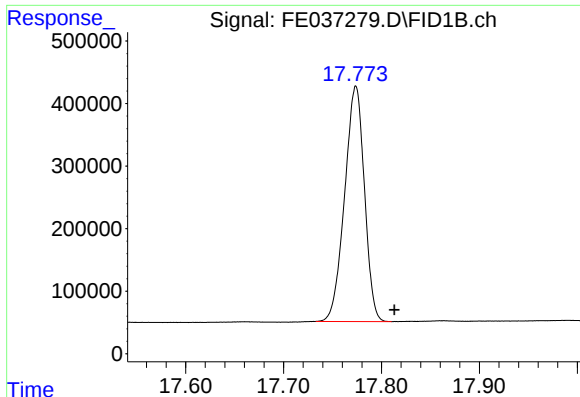
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.038 min
Response: 5634077
Conc: 34.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.888 min
Delta R.T.: -0.041 min
Response: 5639160
Conc: 35.51 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.773 min
Delta R.T.: -0.040 min
Response: 5286670
Conc: 34.04 ug/ml

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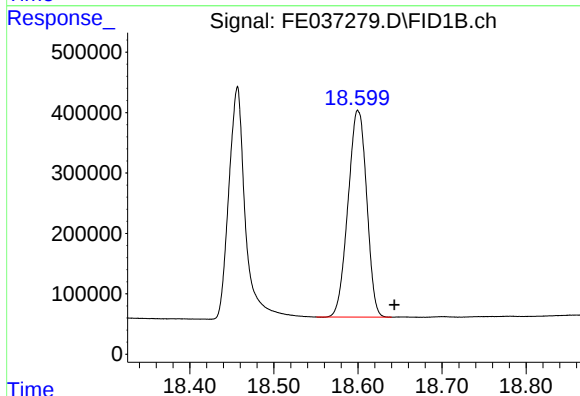
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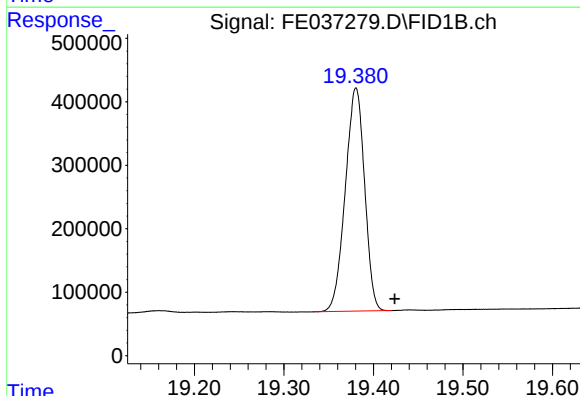
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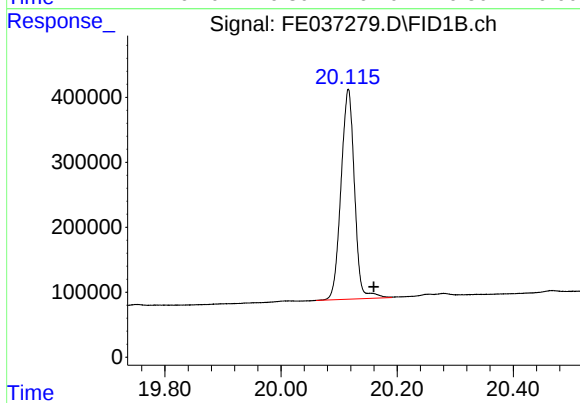
#18 n-Dotriacontane (C32)

R.T.: 18.600 min
Delta R.T.: -0.043 min
Response: 5273963
Conc: 35.36 ug/ml



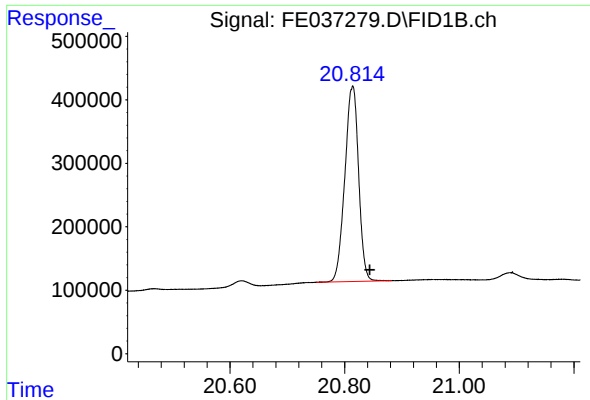
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.044 min
Response: 5262541
Conc: 39.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: -0.044 min
Response: 5211556
Conc: 40.59 ug/ml



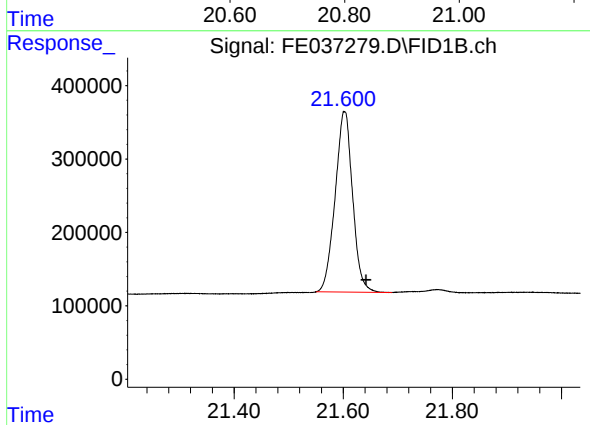
#21 n-Octatriacontane (C38)

R.T.: 20.814 min
Delta R.T.: -0.030 min
Response: 5136441
Conc: 42.79 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.602 min
Delta R.T.: -0.040 min
Response: 5459884
Conc: 45.21 ug/ml