

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037275.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 16:57
 Operator : YP\AJ
 Sample : PB147303BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147303BSD

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 02:41:42 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)	11.663	6258138	36.211 ug/ml
Spiked Amount 50.000		Recovery =	72.42%
12) S 1-chlorooctadecane (S...	13.084	5059832	37.033 ug/ml
Spiked Amount 50.000		Recovery =	74.07%
Target Compounds			
1) T n-Nonane (C9)	3.063	4825877	32.393 ug/ml
2) T n-Decane (C10)	4.356	5121817	34.193 ug/ml
3) T A~Naphthalene (C11.7)	6.027	5276932	36.452 ug/ml
4) T n-Dodecane (C12)	6.482	5436906	35.169 ug/ml
5) T A~2-methylnaphthalene...	7.119	5334518	38.561 ug/ml
6) T n-Tetradecane (C14)	9.902	6112302	38.861 ug/ml
7) T n-Hexadecane (C16)	9.902	6112302	38.861 ug/ml
8) T n-Octadecane (C18)	11.339	6261222	38.851 ug/ml
10) T n-Eicosane (C20)	12.642	6070285	36.867 ug/ml
11) T n-Heneicosane (C21)	13.249	5994075	36.238 ug/ml
13) T n-Docosane (C22)	13.832	5894543	35.483 ug/ml
14) T n-Tetracosane (C24)	14.930	11078382	67.110 ug/ml
15) T n-Hexacosane (C26)	15.947	5476088	33.586 ug/ml
16) T n-Octacosane (C28)	16.890	5536115	34.866 ug/ml
17) T n-Tricontane (C30)	17.776	5132395	33.045 ug/ml
18) T n-Dotriacontane (C32)	18.602	5120306	34.327 ug/ml
19) T n-Tetratriacontane (C34)	19.380	5166290	38.450 ug/mlm
20) T n-Hexatriacontane (C36)	20.118	4980286	38.793 ug/ml
21) T n-Octatriacontane (C38)	20.817	5145202	42.860 ug/ml
22) T n-Tetracontane (C40)	21.606	5138696	42.547 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

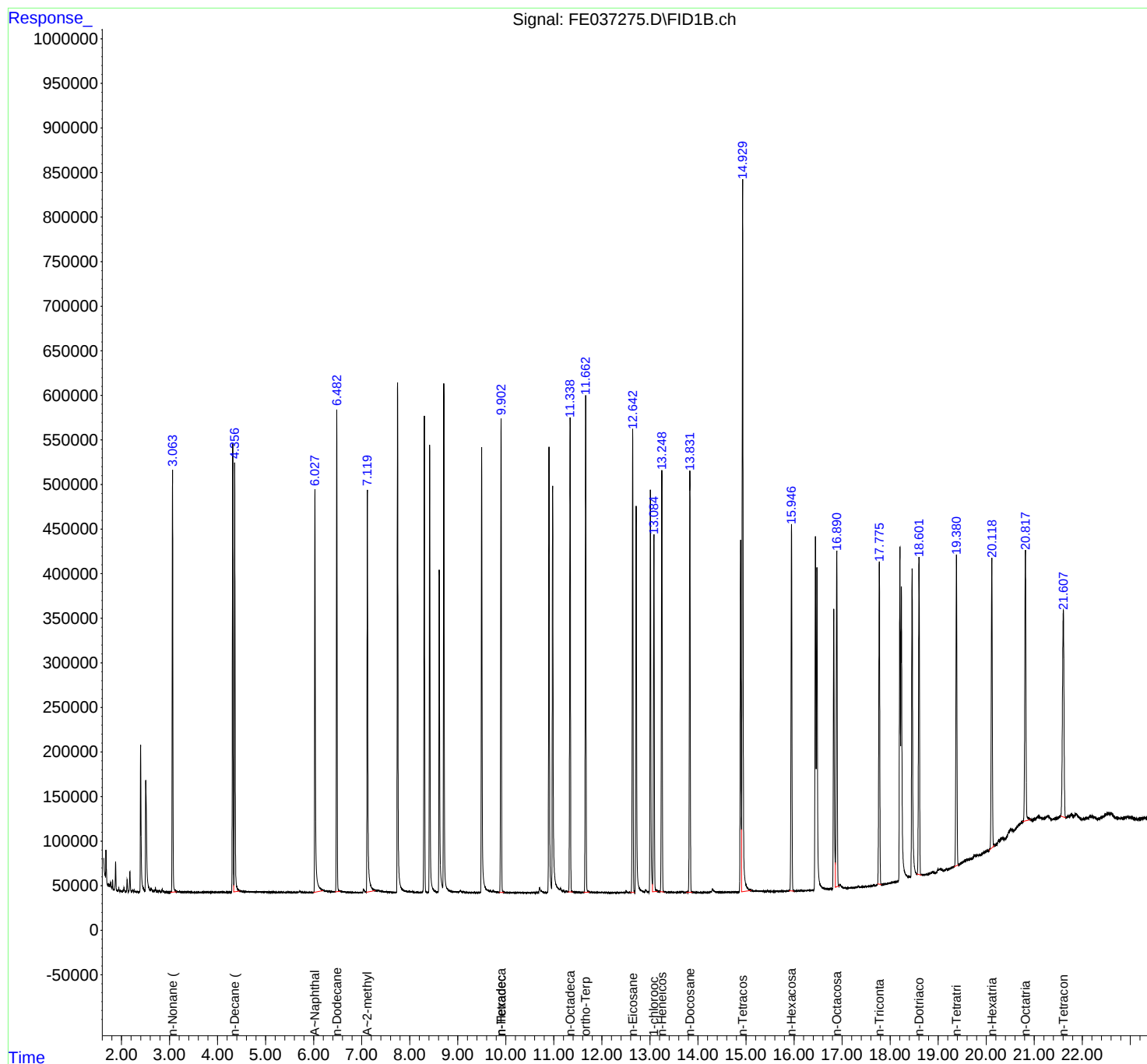
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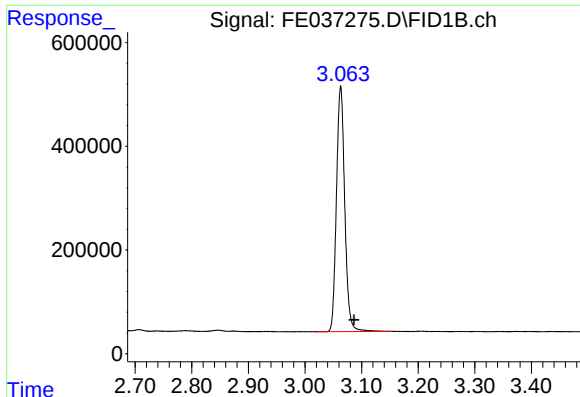
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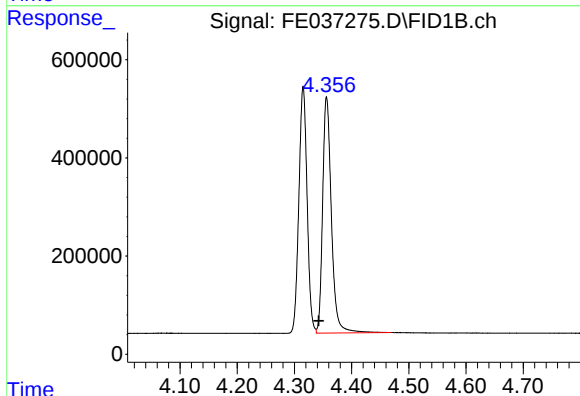
#1 n-Nonane (C9)

R.T.: 3.063 min
Delta R.T.: -0.024 min
Response: 4825877
Conc: 32.39 ug/ml

Instrument :
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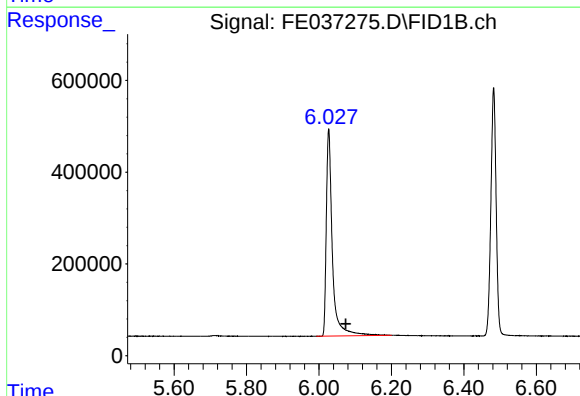
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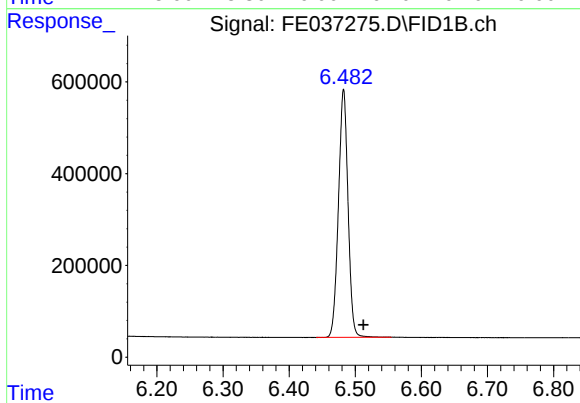
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: 0.014 min
Response: 5121817
Conc: 34.19 ug/ml



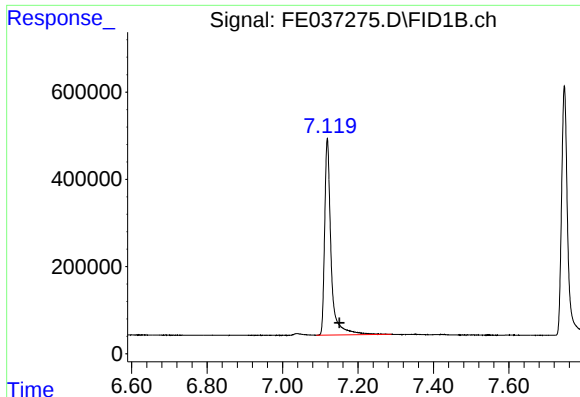
#3 A~Naphthalene (C11.7)

R.T.: 6.027 min
Delta R.T.: -0.047 min
Response: 5276932
Conc: 36.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.482 min
Delta R.T.: -0.030 min
Response: 5436906
Conc: 35.17 ug/ml



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

R.T.: 7.119 min
Delta R.T.: -0.032 min
Response: 5334518
Conc: 38.56 ug/ml

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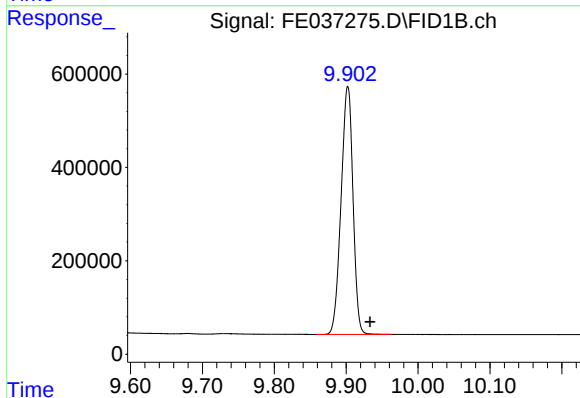
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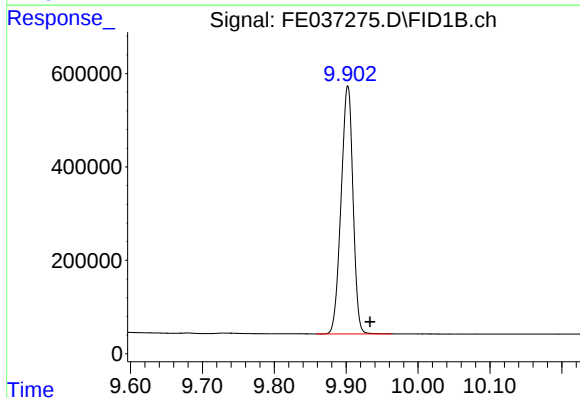
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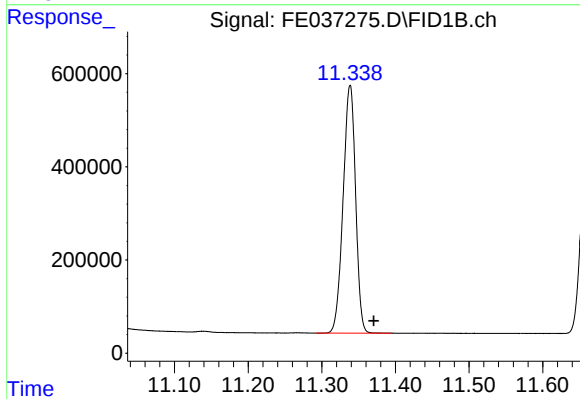
#6 n-Tetradecane (C14)

R.T.: 9.902 min
Delta R.T.: -0.031 min
Response: 6112302
Conc: 38.86 ug/ml



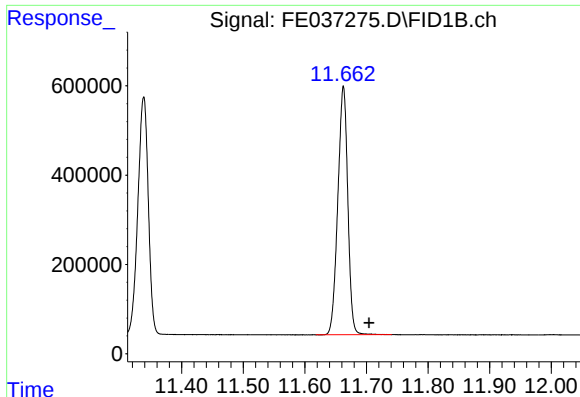
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: -0.031 min
Response: 6112302
Conc: 38.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.339 min
Delta R.T.: -0.032 min
Response: 6261222
Conc: 38.85 ug/ml



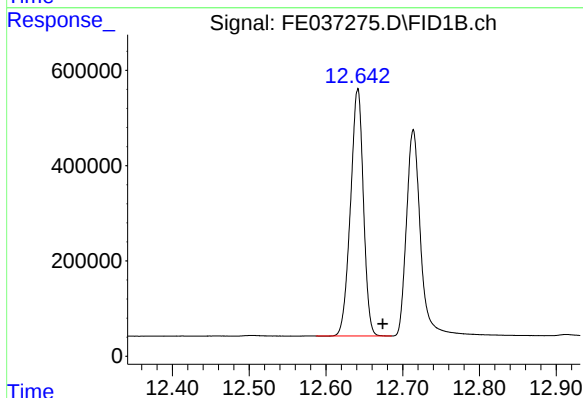
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: -0.041 min
Response: 6258138
Conc: 36.21 ug/ml

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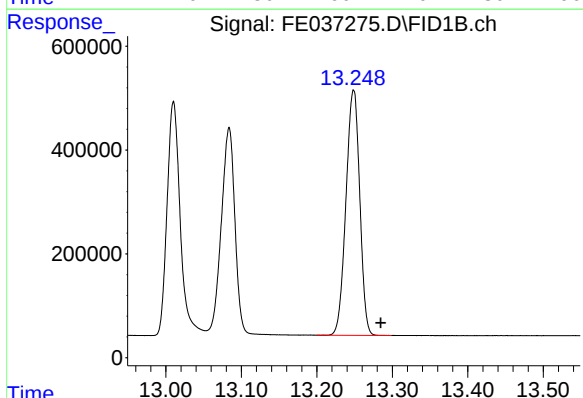
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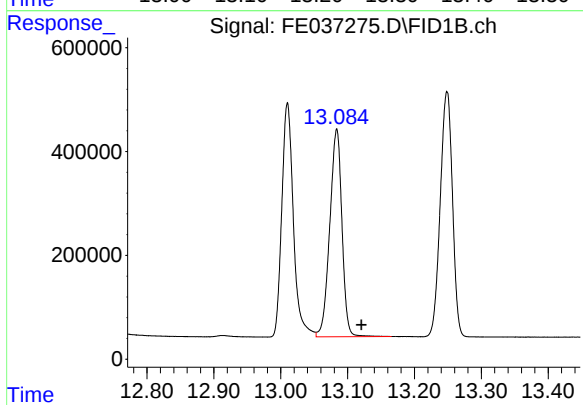
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.032 min
Response: 6070285
Conc: 36.87 ug/ml



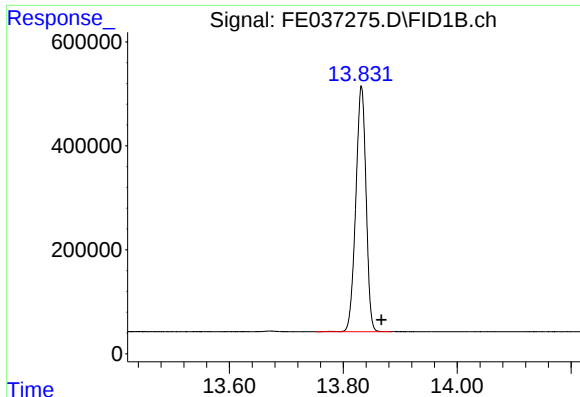
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.036 min
Response: 5994075
Conc: 36.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.037 min
Response: 5059832
Conc: 37.03 ug/ml



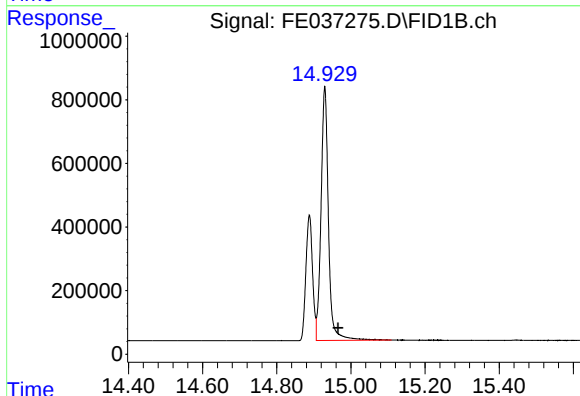
#13 n-Docosane (C22)

R.T.: 13.832 min
Delta R.T.: -0.035 min
Response: 5894543
Conc: 35.48 ug/ml

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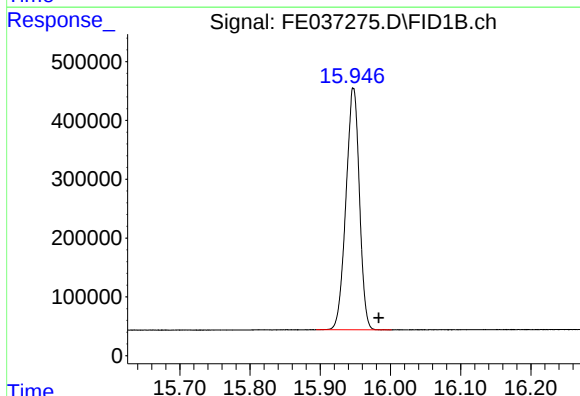
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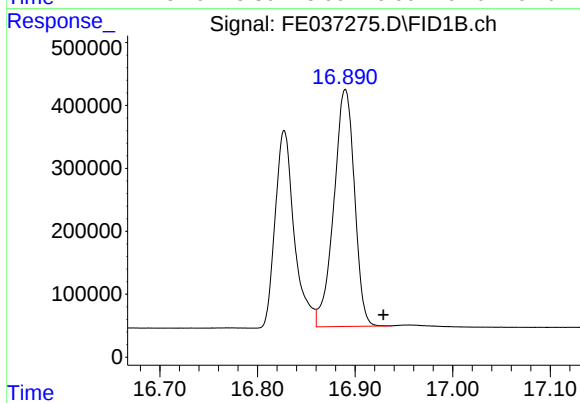
#14 n-Tetracosane (C24)

R.T.: 14.930 min
Delta R.T.: -0.036 min
Response: 11078382
Conc: 67.11 ug/ml



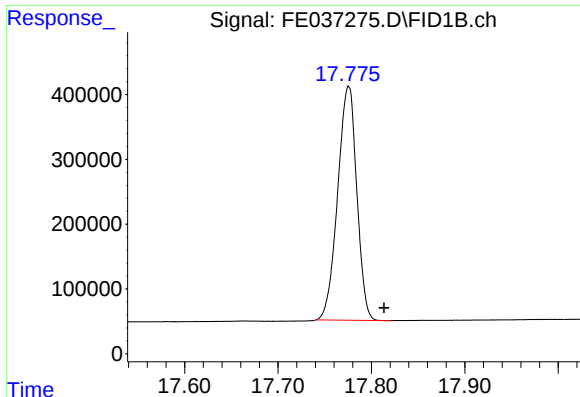
#15 n-Hexacosane (C26)

R.T.: 15.947 min
Delta R.T.: -0.036 min
Response: 5476088
Conc: 33.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: -0.039 min
Response: 5536115
Conc: 34.87 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.038 min
Response: 5132395
Conc: 33.05 ug/ml

Instrument :

FID_E

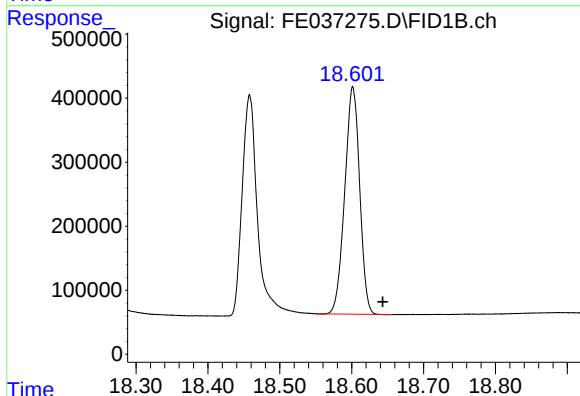
ClientSampleId :

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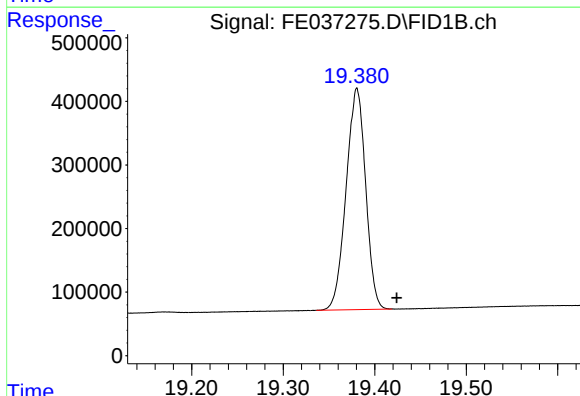
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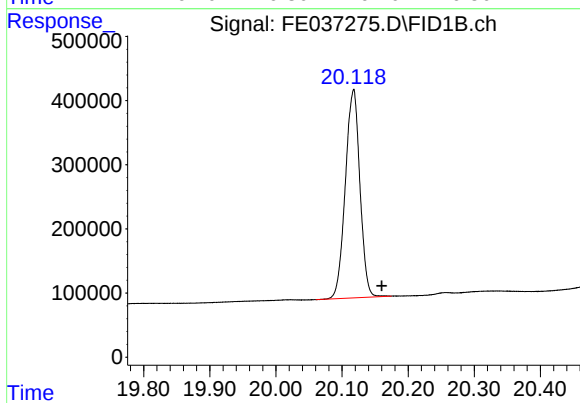
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.042 min
Response: 5120306
Conc: 34.33 ug/ml



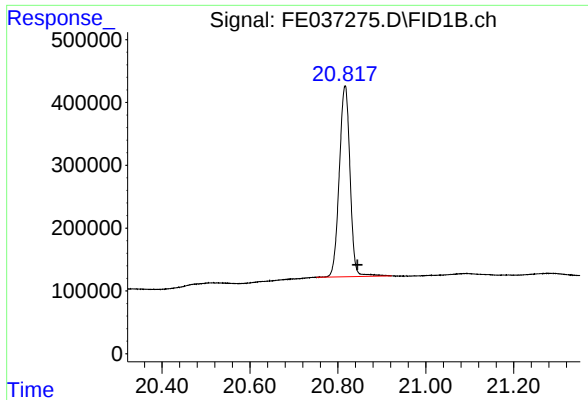
#19 n-Tetratriacontane (C34)

R.T.: 19.380 min
Delta R.T.: -0.044 min
Response: 5166290
Conc: 38.45 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.042 min
Response: 4980286
Conc: 38.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.027 min
Response: 5145202
Conc: 42.86 ug/ml

Instrument :

FID_E

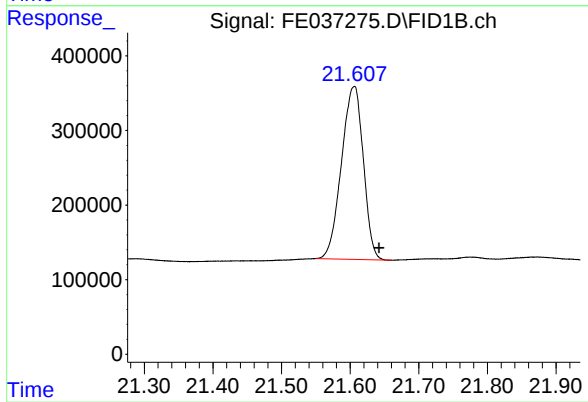
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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: -0.036 min
Response: 5138696
Conc: 42.55 ug/ml