

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082622AL\
 Data File : FE037278.D
 Signal(s) : FID1B.ch
 Acq On : 26 Aug 2022 18:31
 Operator : YP\AJ
 Sample : N4375-07MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-3MS

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 02:42:36 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	4892893	28.312 ug/ml
Spiked Amount 50.000		Recovery =	56.62%
12) S 1-chlorooctadecane (S...	13.081	3861530	28.263 ug/ml
Spiked Amount 50.000		Recovery =	56.53%
Target Compounds			
1) T n-Nonane (C9)	3.057	4168520	27.981 ug/ml
2) T n-Decane (C10)	4.354	4801679	32.056 ug/ml
3) T A~Naphthalene (C11.7)	6.025	5238085	36.183 ug/ml
4) T n-Dodecane (C12)	6.481	5561816	35.977 ug/ml
5) T A~2-methylnaphthalene...	7.118	5475649	39.581 ug/ml
6) T n-Tetradecane (C14)	9.902	6331821	40.257 ug/ml
7) T n-Hexadecane (C16)	9.902	6331821	40.257 ug/ml
8) T n-Octadecane (C18)	11.337	6483438	40.230 ug/ml
10) T n-Eicosane (C20)	12.640	6319357	38.380 ug/ml
11) T n-Heneicosane (C21)	13.249	6208126	37.532 ug/ml
13) T n-Docosane (C22)	13.833	6111015	36.787 ug/ml
14) T n-Tetracosane (C24)	14.929	11383978	68.961 ug/ml
15) T n-Hexacosane (C26)	15.946	5668898	34.769 ug/ml
16) T n-Octacosane (C28)	16.890	5678986	35.766 ug/ml
17) T n-Tricontane (C30)	17.774	5294439	34.089 ug/ml
18) T n-Dotriacontane (C32)	18.602	5311120	35.606 ug/ml
19) T n-Tetratriacontane (C34)	19.381	5334082	39.699 ug/mlm
20) T n-Hexatriacontane (C36)	20.116	5168838	40.262 ug/ml
21) T n-Octatriacontane (C38)	20.815	5265181	43.859 ug/ml
22) T n-Tetracontane (C40)	21.603	5291939	43.815 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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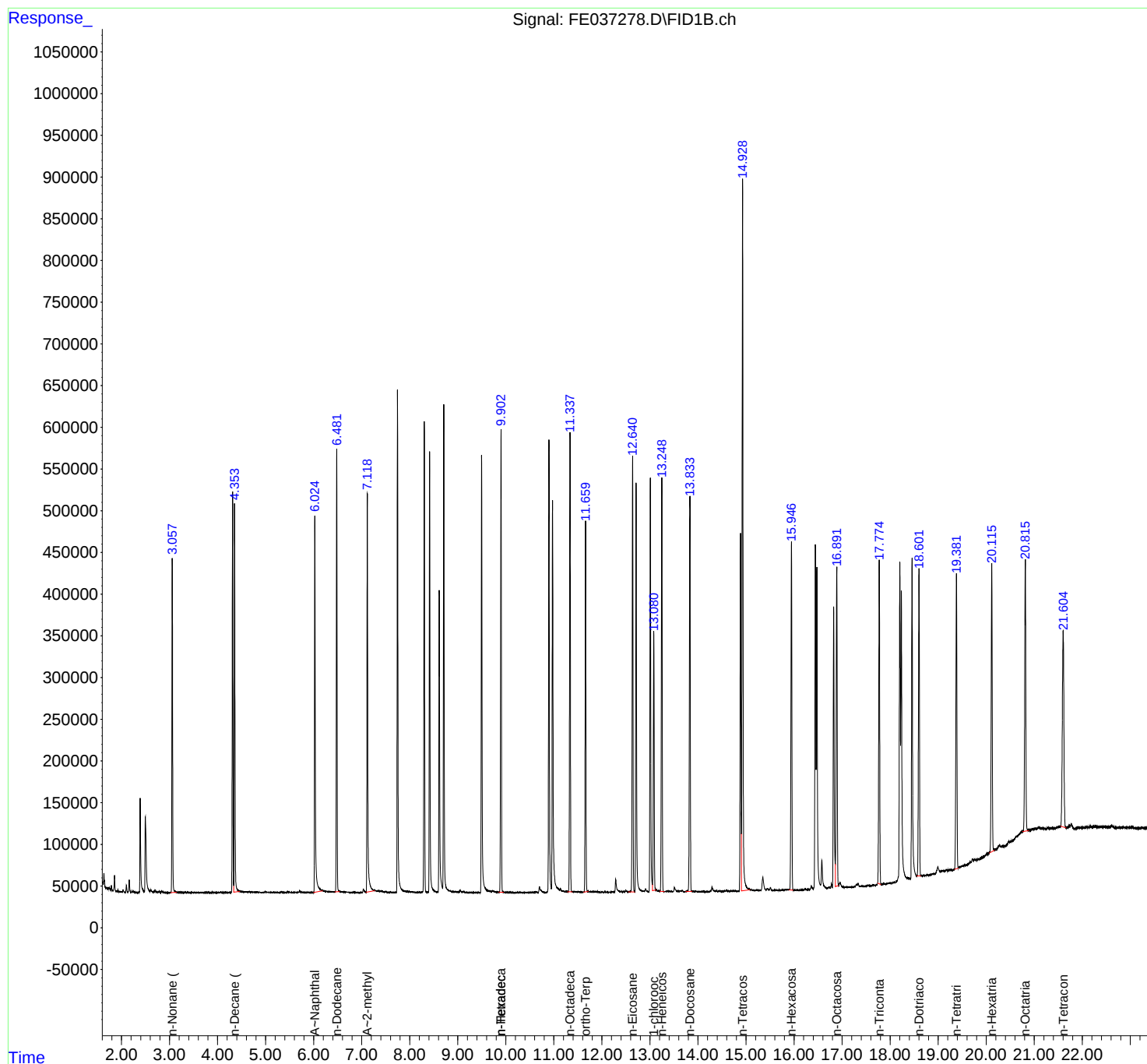
Instrument :
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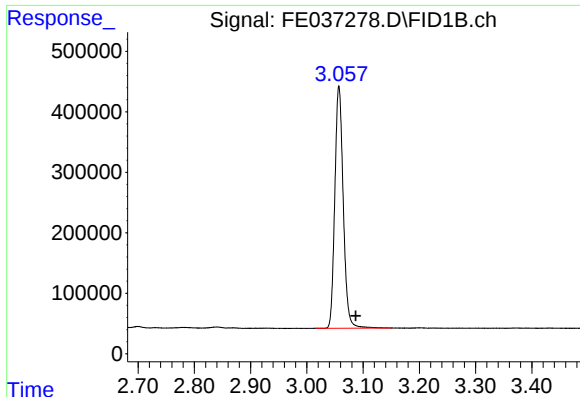
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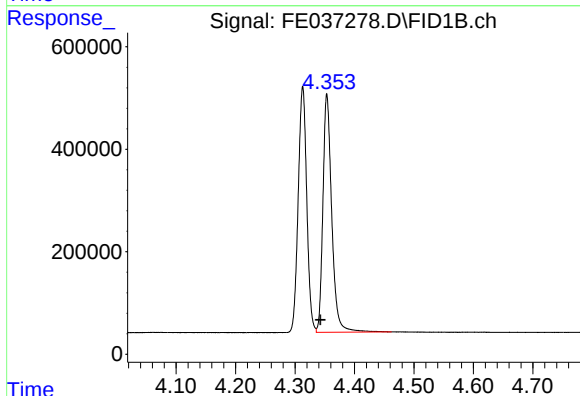
#1 n-Nonane (C9)

R.T.: 3.057 min
Delta R.T.: -0.030 min
Response: 4168520
Conc: 27.98 ug/ml

Instrument :
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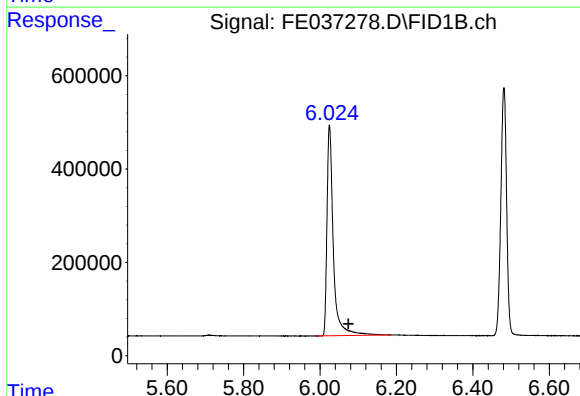
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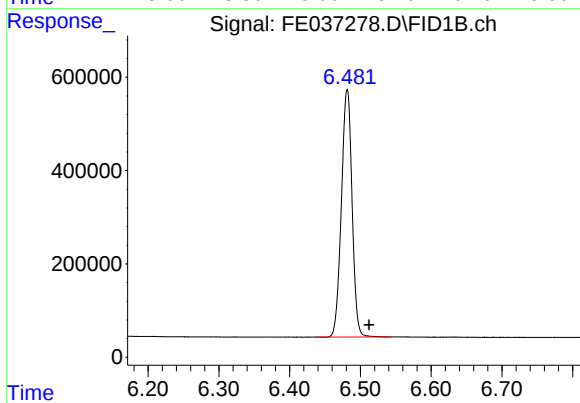
#2 n-Decane (C10)

R.T.: 4.354 min
Delta R.T.: 0.011 min
Response: 4801679
Conc: 32.06 ug/ml



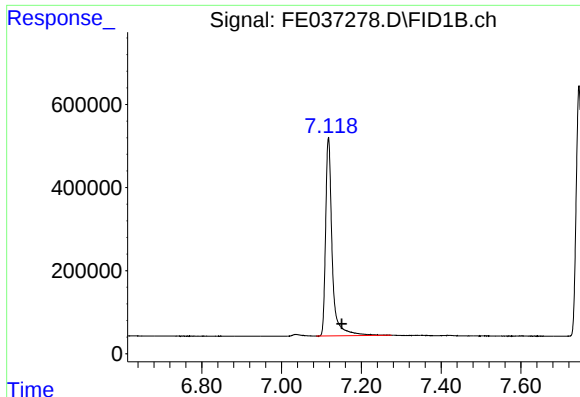
#3 A~Naphthalene (C11.7)

R.T.: 6.025 min
Delta R.T.: -0.049 min
Response: 5238085
Conc: 36.18 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.481 min
Delta R.T.: -0.031 min
Response: 5561816
Conc: 35.98 ug/ml



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

R.T.: 7.118 min
Delta R.T.: -0.033 min
Response: 5475649
Conc: 39.58 ug/ml

Instrument :

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ClientSampleId :

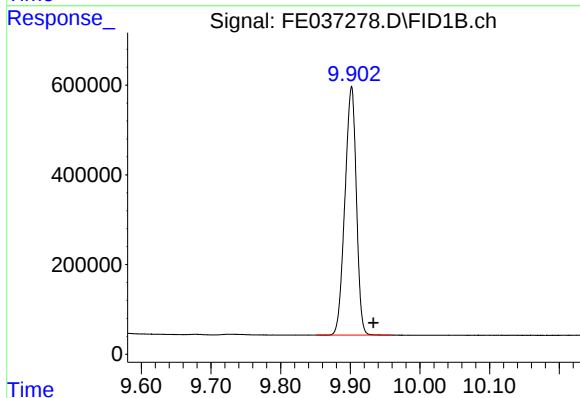
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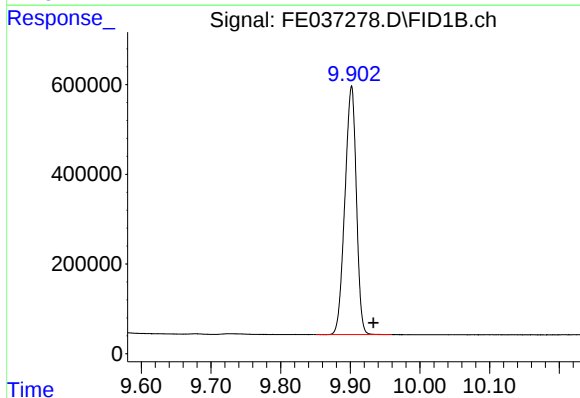
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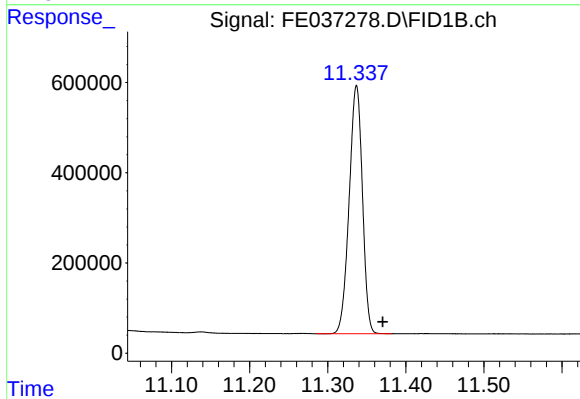
#6 n-Tetradecane (C14)

R.T.: 9.902 min
Delta R.T.: -0.032 min
Response: 6331821
Conc: 40.26 ug/ml



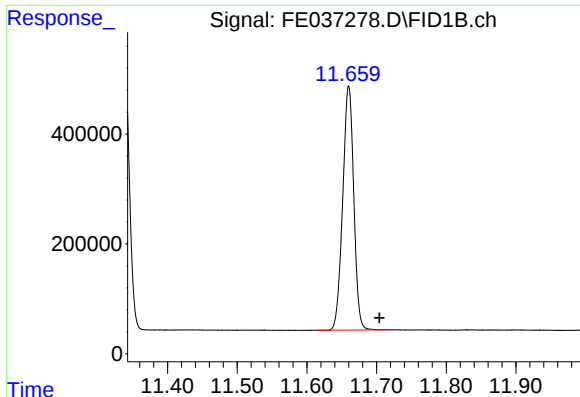
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: -0.032 min
Response: 6331821
Conc: 40.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.337 min
Delta R.T.: -0.034 min
Response: 6483438
Conc: 40.23 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.660 min
Delta R.T.: -0.044 min
Response: 4892893
Conc: 28.31 ug/ml

Instrument :

FID_E

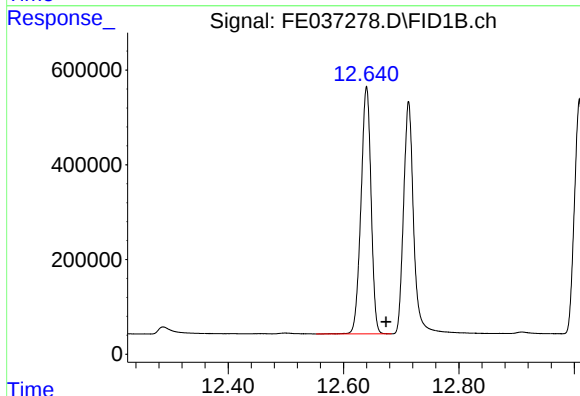
ClientSampleId :

WC-3MS

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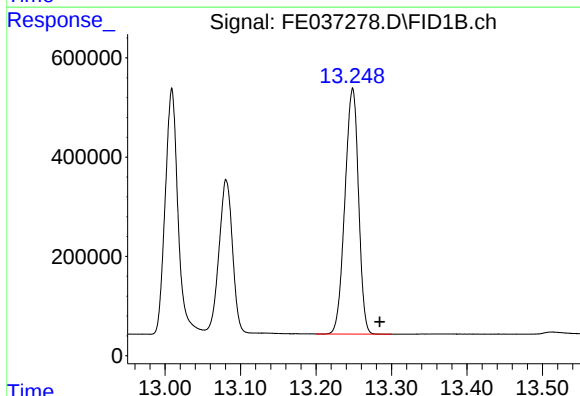
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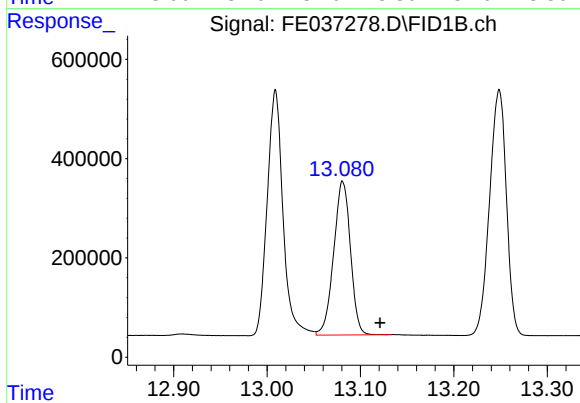
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.034 min
Response: 6319357
Conc: 38.38 ug/ml



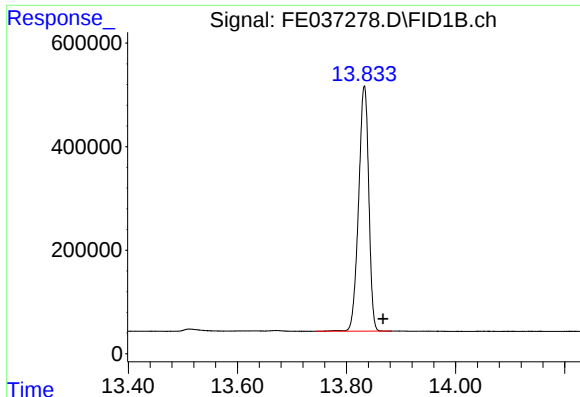
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.036 min
Response: 6208126
Conc: 37.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.081 min
Delta R.T.: -0.040 min
Response: 3861530
Conc: 28.26 ug/ml



#13 n-Docosane (C22)

R.T.: 13.833 min
Delta R.T.: -0.034 min
Response: 6111015
Conc: 36.79 ug/ml

Instrument :

FID_E

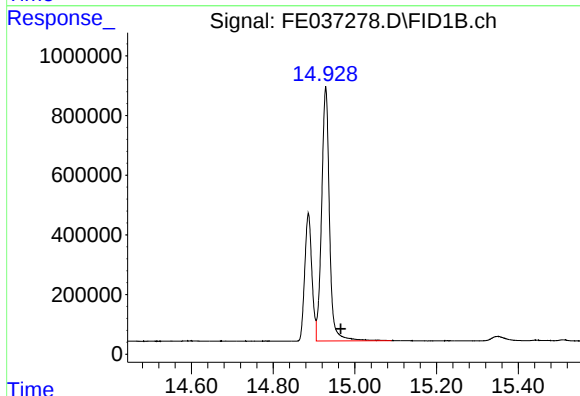
ClientSampleId :

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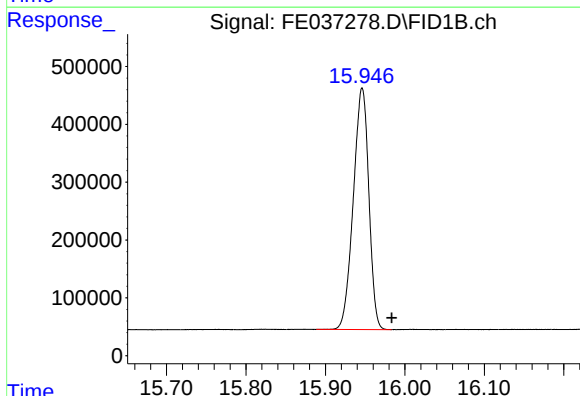
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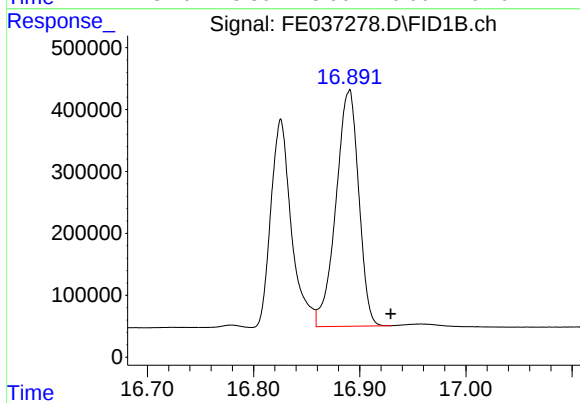
#14 n-Tetracosane (C24)

R.T.: 14.929 min
Delta R.T.: -0.037 min
Response: 11383978
Conc: 68.96 ug/ml



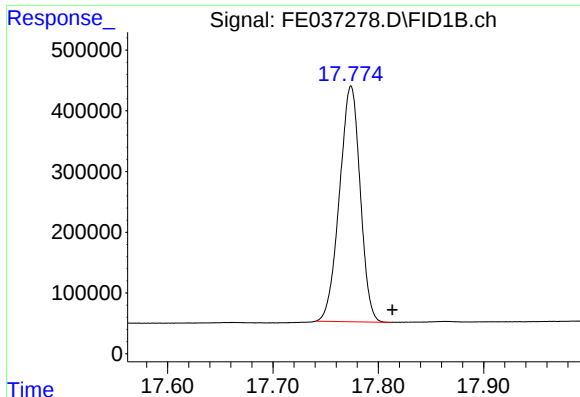
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.037 min
Response: 5668898
Conc: 34.77 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: -0.039 min
Response: 5678986
Conc: 35.77 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.774 min
Delta R.T.: -0.039 min
Response: 5294439
Conc: 34.09 ug/ml

Instrument :

FID_E

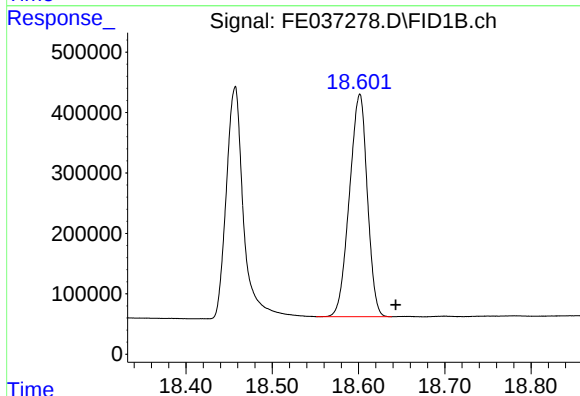
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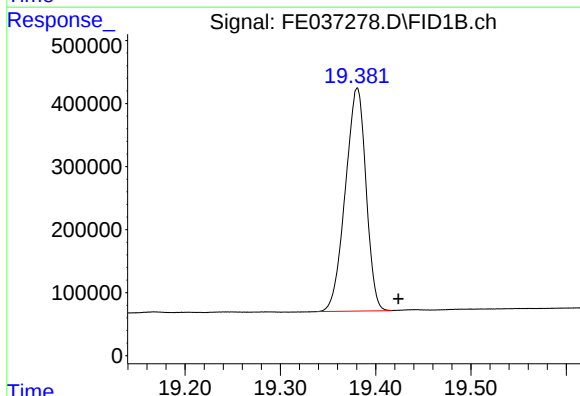
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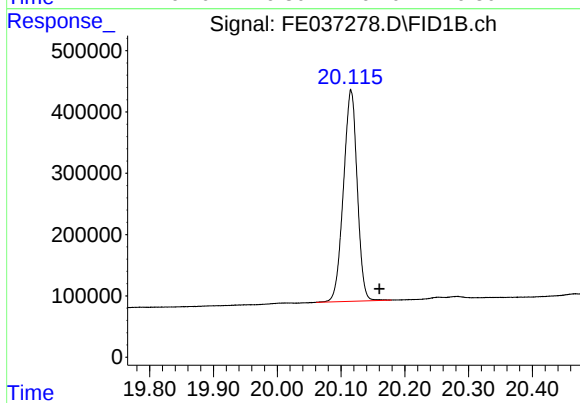
#18 n-Dotriacontane (C32)

R.T.: 18.602 min
Delta R.T.: -0.042 min
Response: 5311120
Conc: 35.61 ug/ml



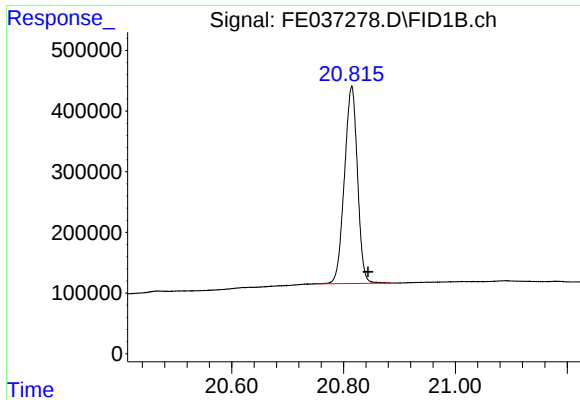
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: -0.043 min
Response: 5334082
Conc: 39.70 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.116 min
Delta R.T.: -0.044 min
Response: 5168838
Conc: 40.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.815 min
Delta R.T.: -0.029 min
Response: 5265181
Conc: 43.86 ug/ml

Instrument :

FID_E

ClientSampleId :

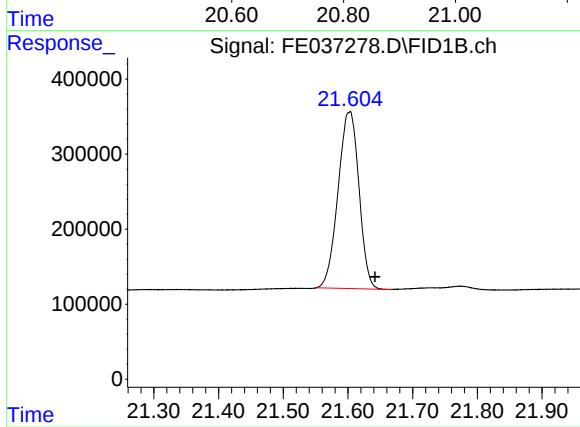
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#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: -0.039 min
Response: 5291939
Conc: 43.82 ug/ml