

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092322AL\
 Data File : FE037777.D
 Signal(s) : FID1B.ch
 Acq On : 24 Sep 2022 05:46
 Operator : YP\AJ
 Sample : N4780-11MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/26/2022
 Supervised By :Ankita Jodhani 09/26/2022

Integration File: autoint1.e
 Quant Time: Sep 24 17:21:45 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)	11.620	4465047	26.422 ug/ml
Spiked Amount 50.000		Recovery =	52.84%
12) S 1-chlorooctadecane (S...	13.042	3502074	27.211 ug/ml
Spiked Amount 50.000		Recovery =	54.42%
Target Compounds			
1) T n-Nonane (C9)	3.017	4006414	26.185 ug/mlm
2) T n-Decane (C10)	4.274	4510107	29.253 ug/mlm
3) T A~Naphthalene (C11.7)	5.987	4874941	33.837 ug/ml
4) T n-Dodecane (C12)	6.444	5080158	32.126 ug/ml
5) T A~2-methylnaphthalene...	7.080	4886843	35.003 ug/ml
6) T n-Tetradecane (C14)	9.863	5770994	36.421 ug/ml
7) T n-Hexadecane (C16)	9.863	5770994	36.421 ug/ml
8) T n-Octadecane (C18)	11.298	5850329	36.738 ug/ml
10) T n-Eicosane (C20)	12.601	5584908	35.298 ug/ml
11) T n-Heneicosane (C21)	13.209	5479082	34.746 ug/ml
13) T n-Docosane (C22)	13.792	5409197	34.748 ug/ml
14) T n-Tetracosane (C24)	14.889	10533259	70.033 ug/ml
15) T n-Hexacosane (C26)	15.905	5136345	35.471 ug/ml
16) T n-Octacosane (C28)	16.848	5645130	40.748 ug/ml
17) T n-Tricontane (C30)	17.733	5090000	37.418 ug/ml
18) T n-Dotriacontane (C32)	18.560	5369344	40.210 ug/ml
19) T n-Tetratriacontane (C34)	19.340	5289256	41.803 ug/ml
20) T n-Hexatriacontane (C36)	20.075	5203192	40.456 ug/ml
21) T n-Octatriacontane (C38)	20.774	5347586	42.966 ug/ml
22) T n-Tetracontane (C40)	21.550	5602183	43.456 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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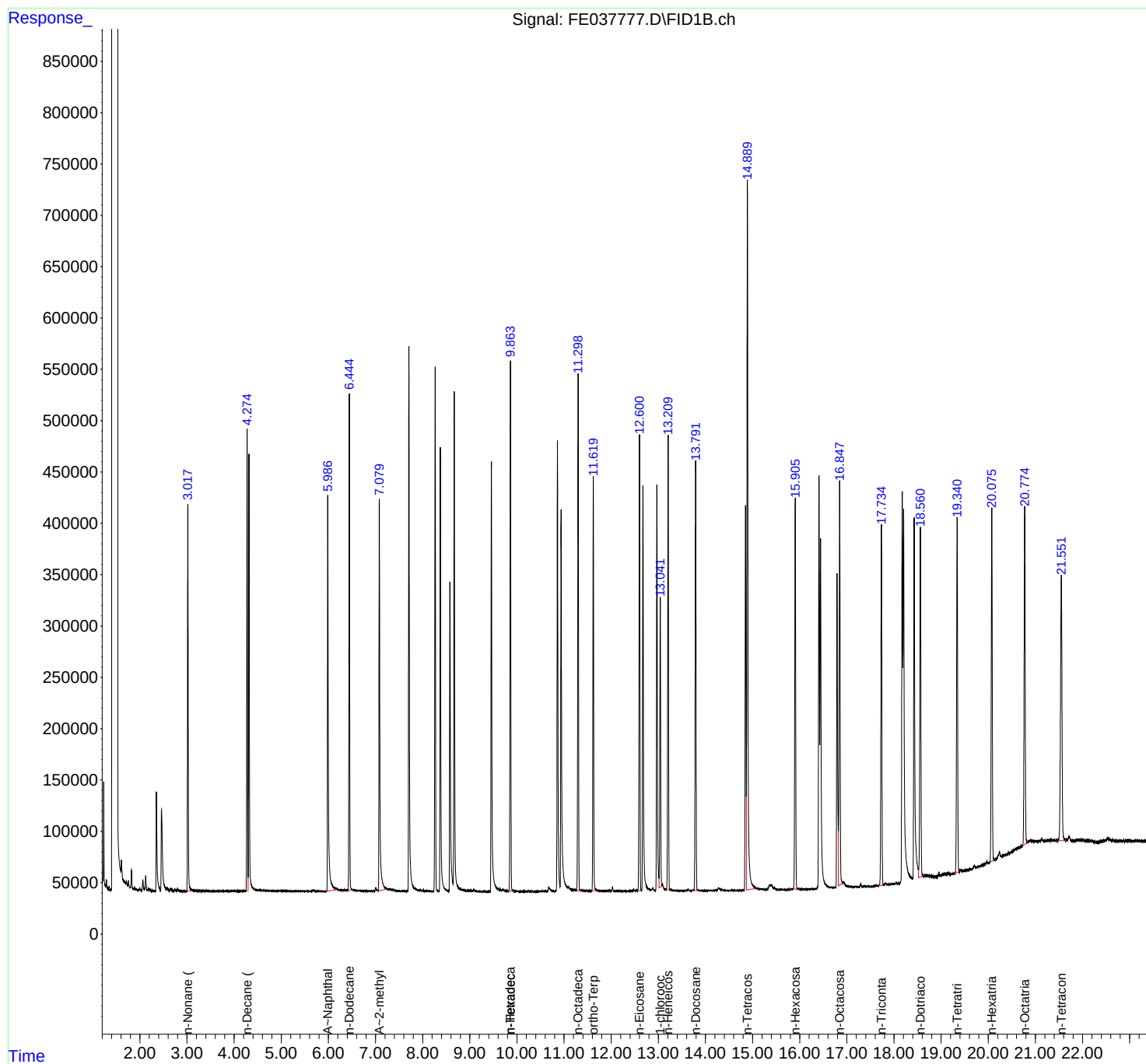
Instrument :
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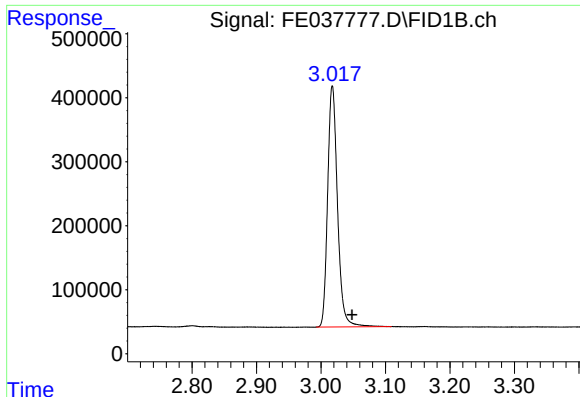
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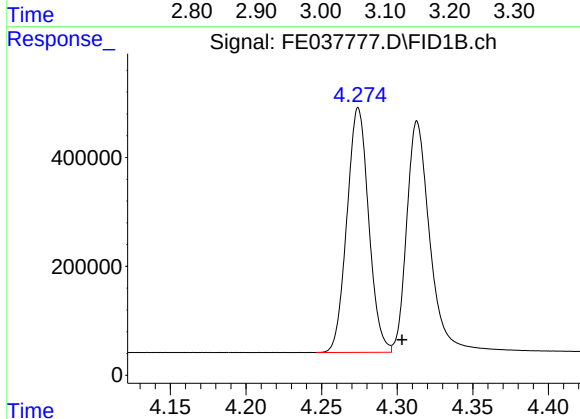
#1 n-Nonane (C9)

R.T.: 3.017 min
Delta R.T.: -0.031 min
Response: 4006414
Conc: 26.18 ug/ml

Instrument :
FID_E
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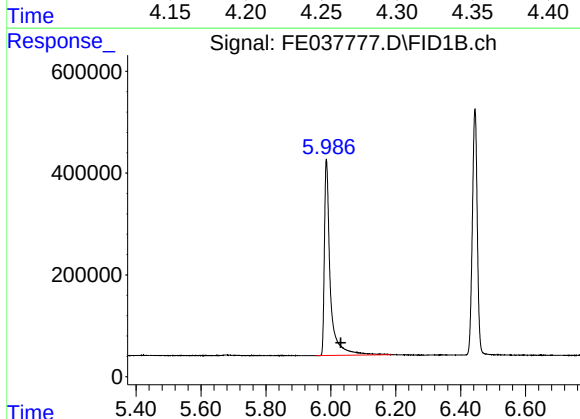
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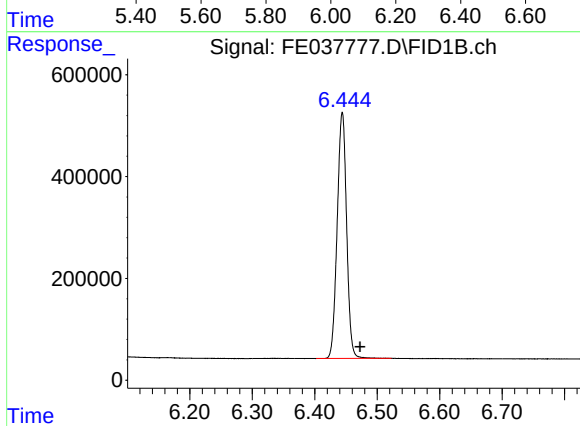
#2 n-Decane (C10)

R.T.: 4.274 min
Delta R.T.: -0.029 min
Response: 4510107
Conc: 29.25 ug/ml m



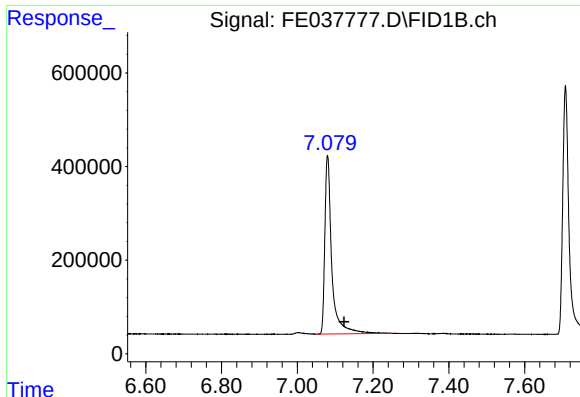
#3 A~Naphthalene (C11.7)

R.T.: 5.987 min
Delta R.T.: -0.044 min
Response: 4874941
Conc: 33.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.028 min
Response: 5080158
Conc: 32.13 ug/ml



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

R.T.: 7.080 min
Delta R.T.: -0.043 min
Response: 4886843
Conc: 35.00 ug/ml

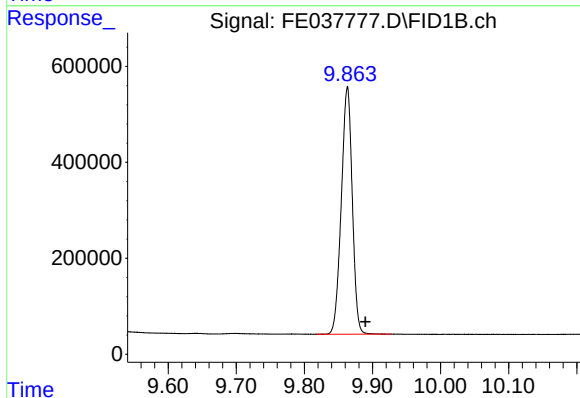
Instrument :

FID_E

ClientSampleId :
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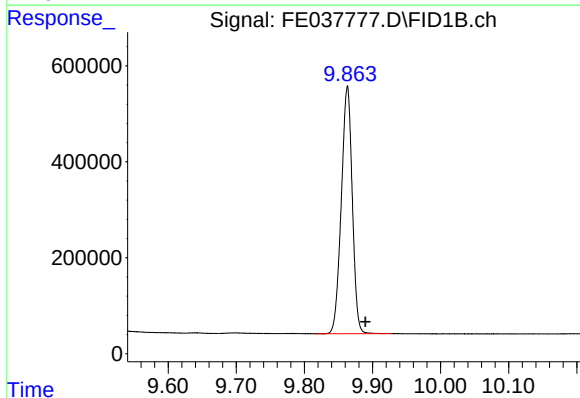
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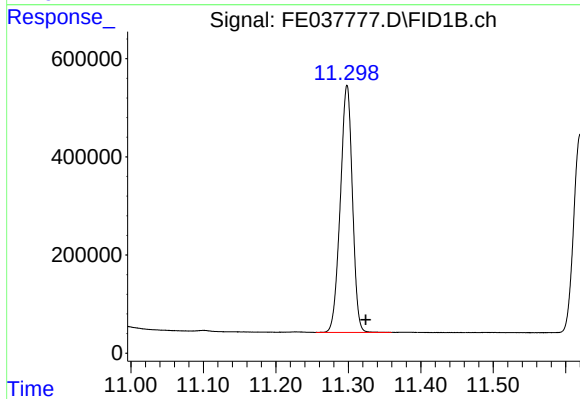
#6 n-Tetradecane (C14)

R.T.: 9.863 min
Delta R.T.: -0.026 min
Response: 5770994
Conc: 36.42 ug/ml



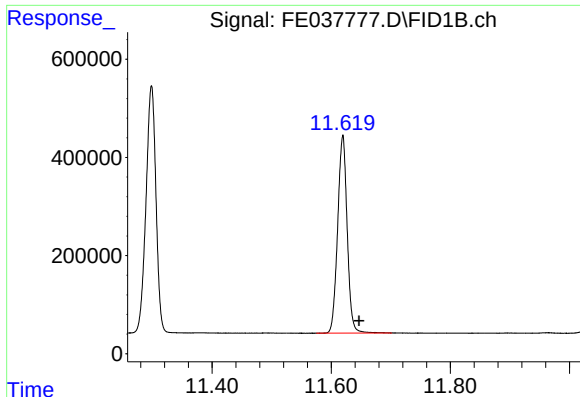
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.026 min
Response: 5770994
Conc: 36.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.026 min
Response: 5850329
Conc: 36.74 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.027 min
Response: 4465047
Conc: 26.42 ug/ml

Instrument :

FID_E

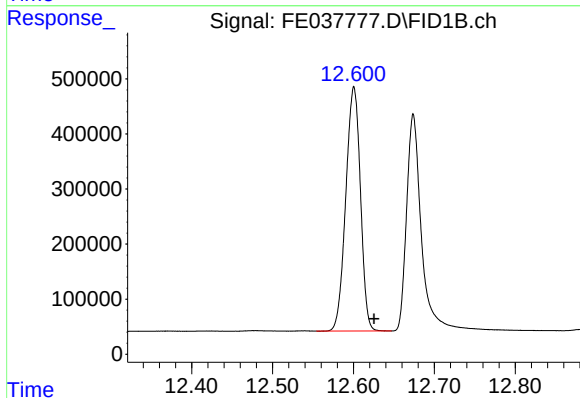
ClientSampleId :

SP-2MSD

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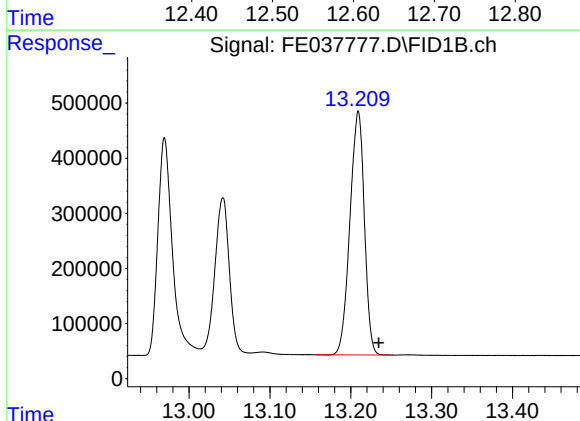
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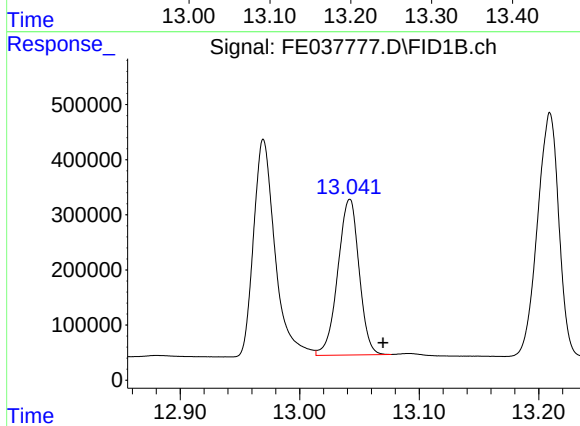
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.025 min
Response: 5584908
Conc: 35.30 ug/ml



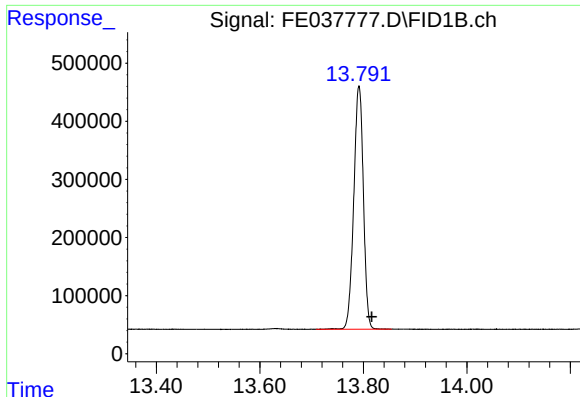
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.025 min
Response: 5479082
Conc: 34.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.042 min
Delta R.T.: -0.028 min
Response: 3502074
Conc: 27.21 ug/ml



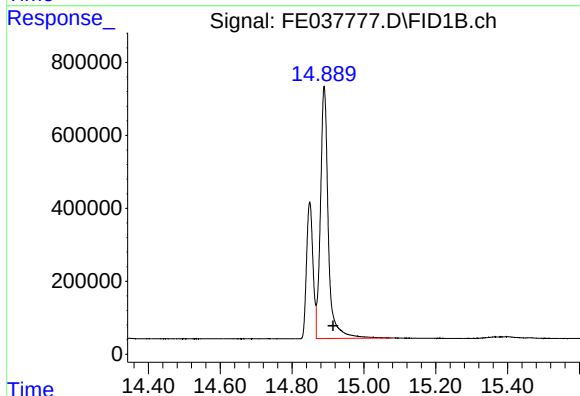
#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.025 min
Response: 5409197
Conc: 34.75 ug/ml

Instrument :
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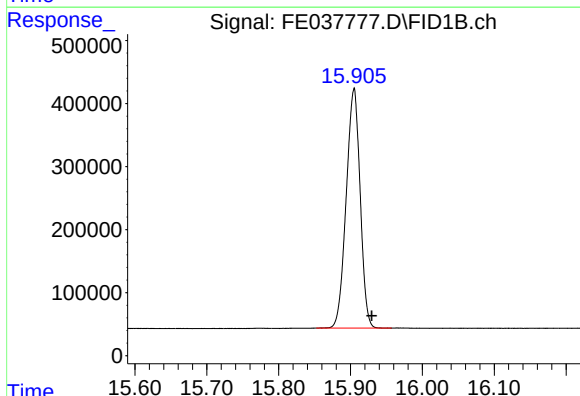
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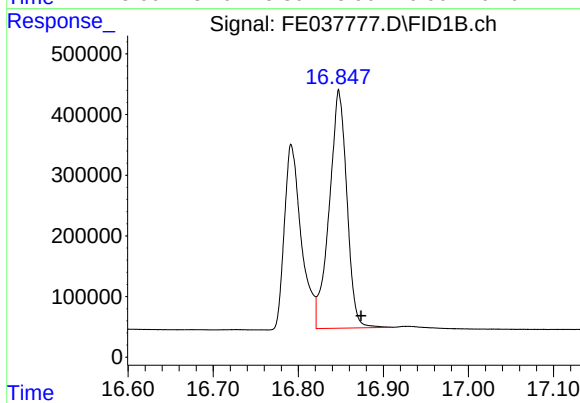
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.025 min
Response: 10533259
Conc: 70.03 ug/ml



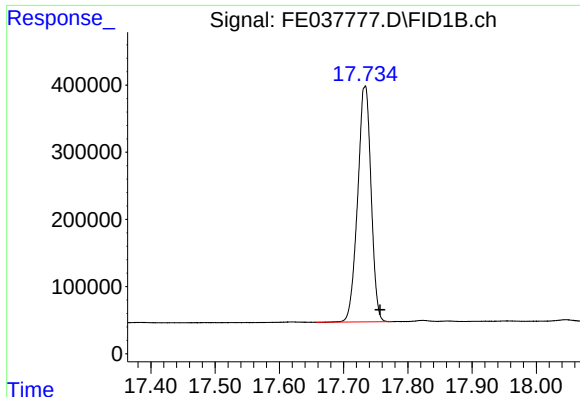
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: -0.025 min
Response: 5136345
Conc: 35.47 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.848 min
Delta R.T.: -0.026 min
Response: 5645130
Conc: 40.75 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.023 min
Response: 5090000
Conc: 37.42 ug/ml

Instrument :

FID_E

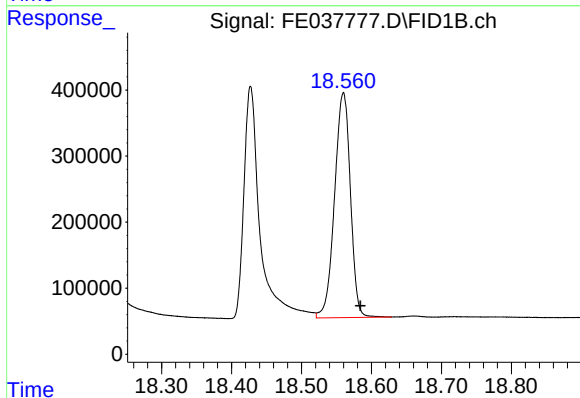
ClientSampleId :

SP-2MSD

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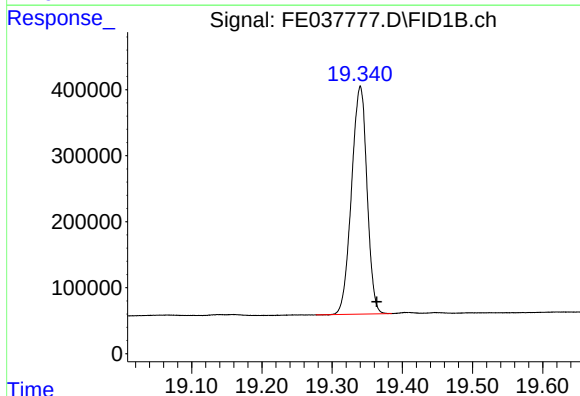
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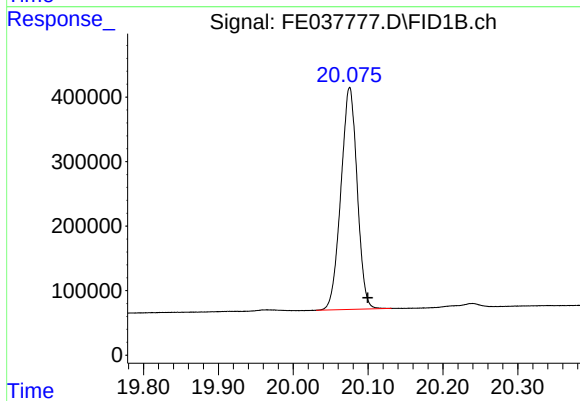
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.024 min
Response: 5369344
Conc: 40.21 ug/ml



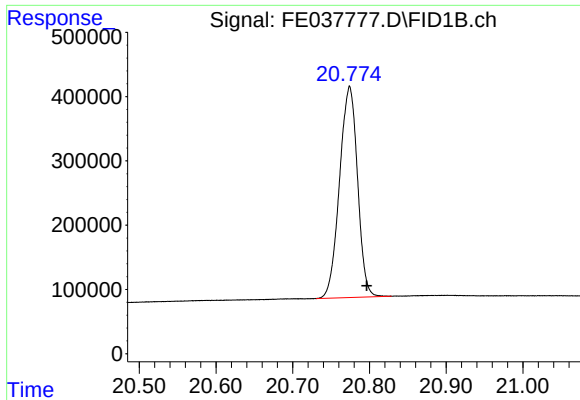
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.023 min
Response: 5289256
Conc: 41.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.075 min
Delta R.T.: -0.024 min
Response: 5203192
Conc: 40.46 ug/ml



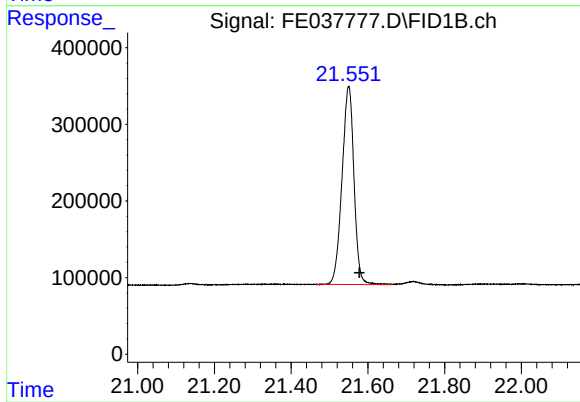
#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.022 min
Response: 5347586
Conc: 42.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: -0.028 min
Response: 5602183
Conc: 43.46 ug/ml