

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037791.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2022 18:47
 Operator : YP\AJ
 Sample : N4780-38MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-4FMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: autoint1.e
 Quant Time: Sep 27 01:30:27 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	4048964	23.959 ug/ml
Spiked Amount 50.000		Recovery =	47.92%
12) S 1-chlorooctadecane (S...	13.043	3349685	26.027 ug/ml
Spiked Amount 50.000		Recovery =	52.05%
Target Compounds			
1) T n-Nonane (C9)	3.015	3787857	24.756 ug/mlm
2) T n-Decane (C10)	4.312	4389920	28.473 ug/ml
3) T A~Naphthalene (C11.7)	5.986	4521816	31.386 ug/ml
4) T n-Dodecane (C12)	6.443	4747055	30.019 ug/ml
5) T A~2-methylnaphthalene...	7.079	4576143	32.777 ug/ml
6) T n-Tetradecane (C14)	9.863	5269604	33.257 ug/ml
7) T n-Hexadecane (C16)	9.863	5269604	33.257 ug/ml
8) T n-Octadecane (C18)	11.299	5551426	34.861 ug/ml
10) T n-Eicosane (C20)	12.602	5407975	34.180 ug/ml
11) T n-Heneicosane (C21)	13.210	5332526	33.817 ug/ml
13) T n-Docosane (C22)	13.793	5254096	33.752 ug/ml
14) T n-Tetracosane (C24)	14.890	10142532	67.435 ug/ml
15) T n-Hexacosane (C26)	15.907	4932980	34.067 ug/ml
16) T n-Octacosane (C28)	16.849	5386297	38.880 ug/ml
17) T n-Tricontane (C30)	17.734	4838620	35.570 ug/ml
18) T n-Dotriacontane (C32)	18.561	5055955	37.863 ug/ml
19) T n-Tetratriacontane (C34)	19.340	4978558	39.348 ug/ml
20) T n-Hexatriacontane (C36)	20.077	4887261	37.999 ug/ml
21) T n-Octatriacontane (C38)	20.773	5054238	40.609 ug/ml
22) T n-Tetracontane (C40)	21.550	5234625	40.605 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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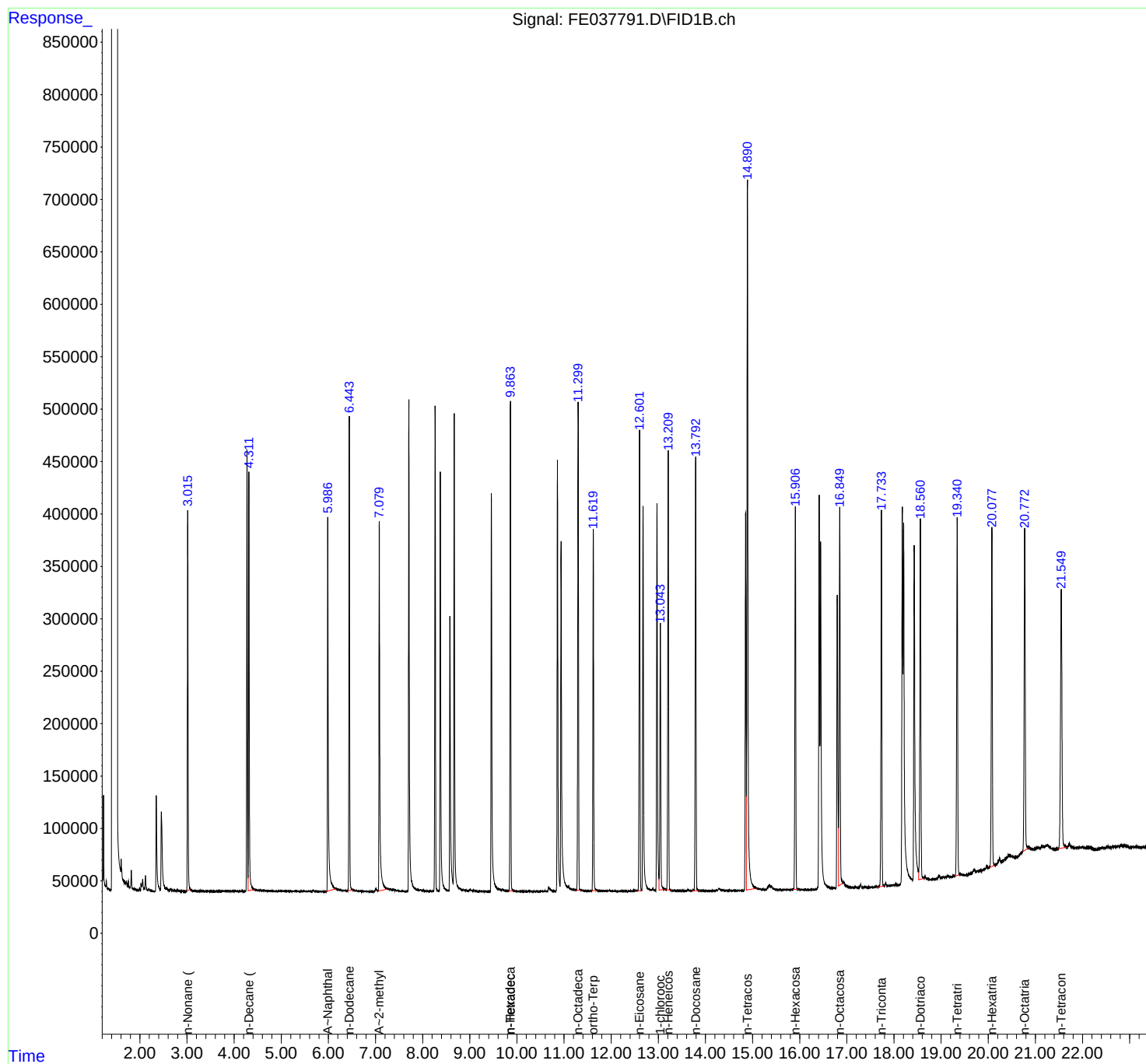
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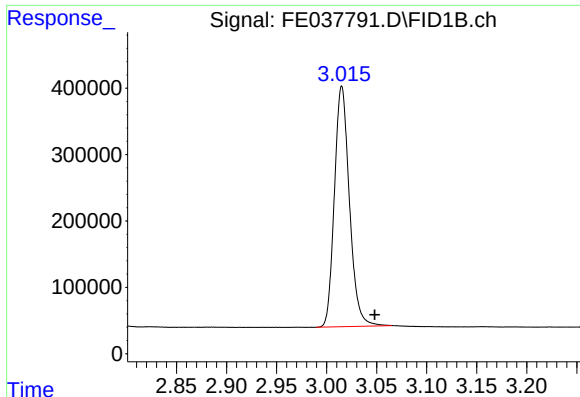
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#1 n-Nonane (C9)

R.T.: 3.015 min
Delta R.T.: -0.033 min
Response: 3787857
Conc: 24.76 ug/ml

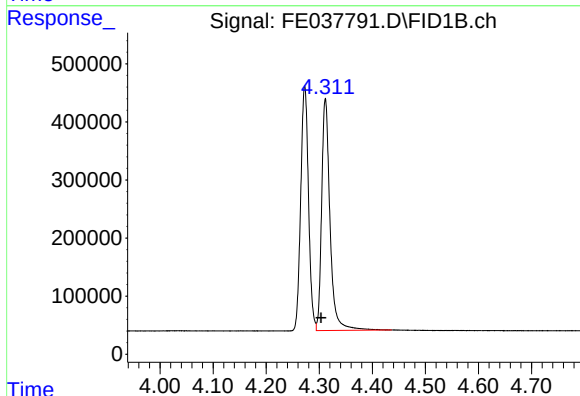
Instrument :

FID_E

ClientSampleId :
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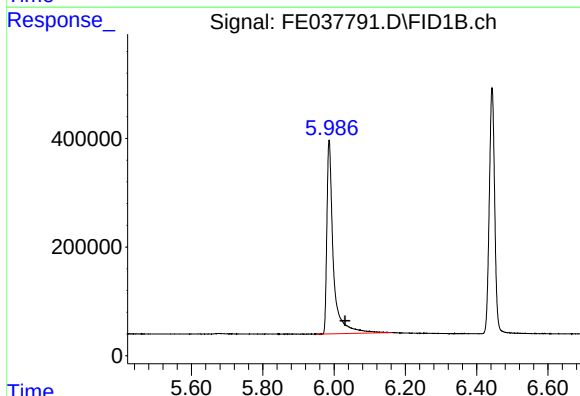
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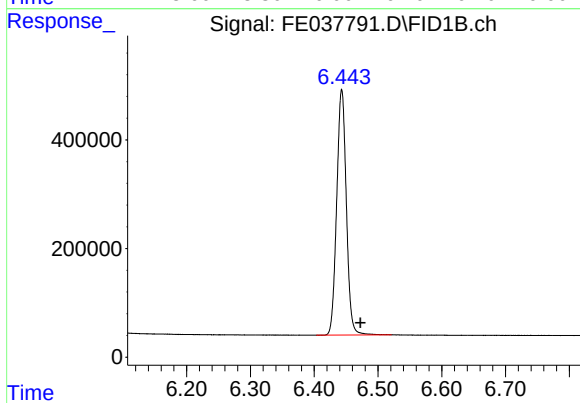
#2 n-Decane (C10)

R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 4389920
Conc: 28.47 ug/ml



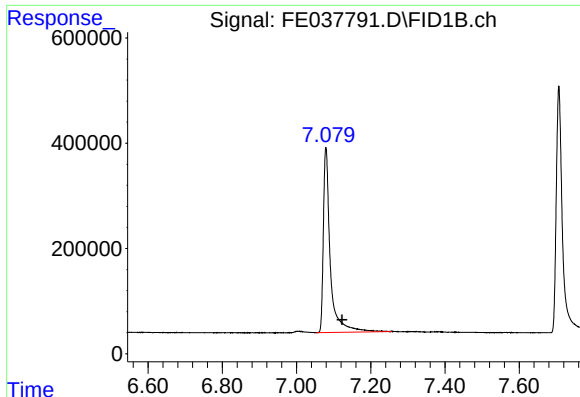
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.044 min
Response: 4521816
Conc: 31.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.443 min
Delta R.T.: -0.029 min
Response: 4747055
Conc: 30.02 ug/ml



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

R.T.: 7.079 min
Delta R.T.: -0.044 min
Response: 4576143
Conc: 32.78 ug/ml

Instrument :

FID_E

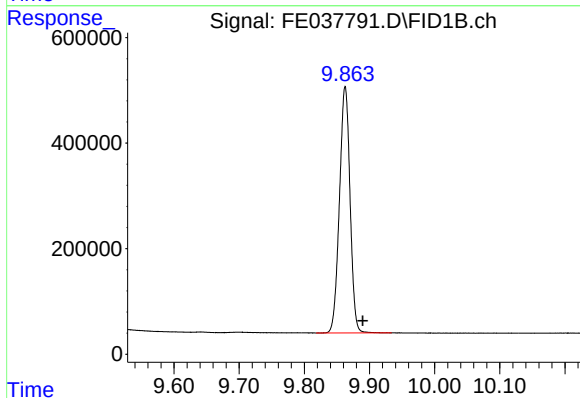
ClientSampleId :

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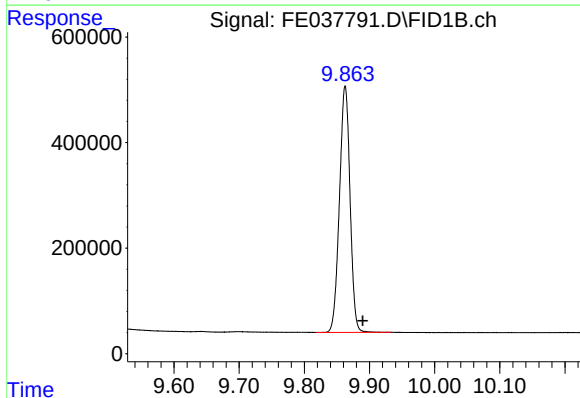
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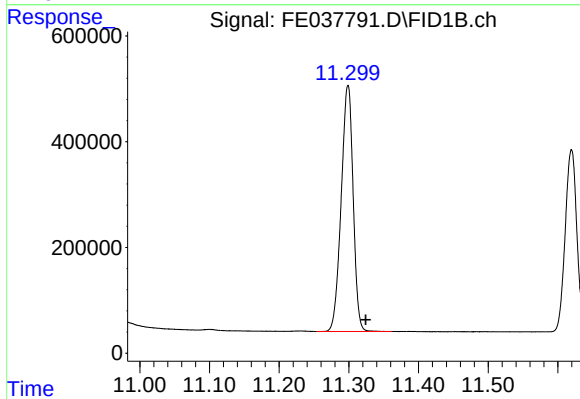
#6 n-Tetradecane (C14)

R.T.: 9.863 min
Delta R.T.: -0.027 min
Response: 5269604
Conc: 33.26 ug/ml



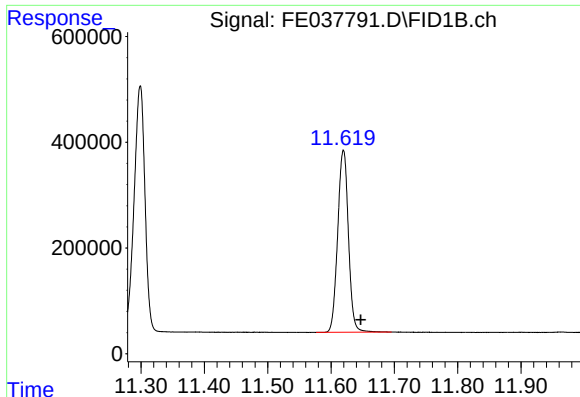
#7 n-Hexadecane (C16)

R.T.: 9.863 min
Delta R.T.: -0.027 min
Response: 5269604
Conc: 33.26 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.025 min
Response: 5551426
Conc: 34.86 ug/ml



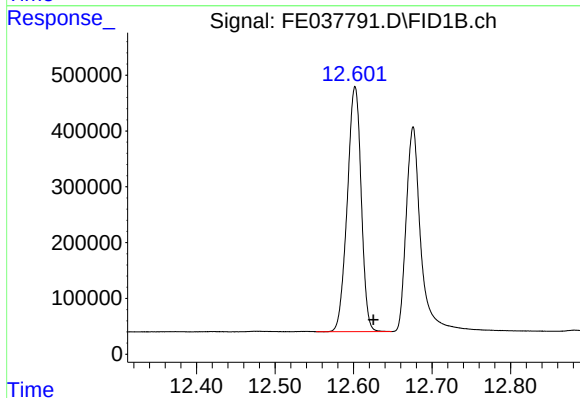
#9 ortho-Terphenyl (SURR)

R.T.: 11.620 min
Delta R.T.: -0.027 min
Response: 4048964
Conc: 23.96 ug/ml

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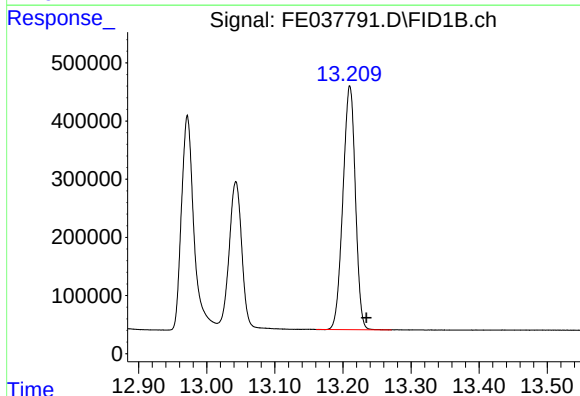
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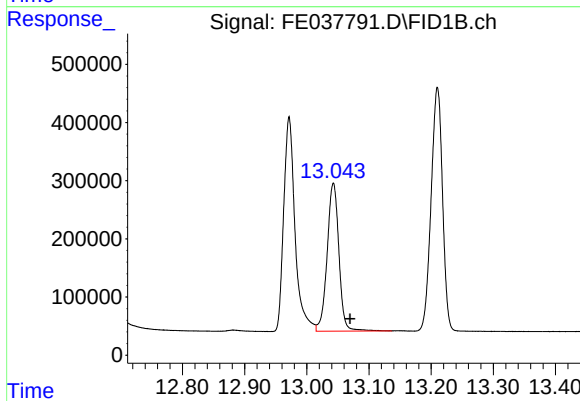
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.024 min
Response: 5407975
Conc: 34.18 ug/ml



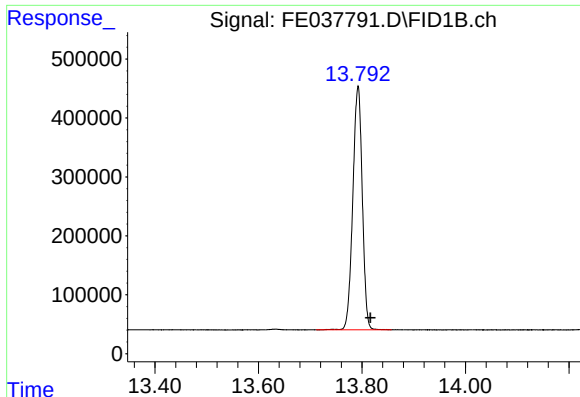
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.025 min
Response: 5332526
Conc: 33.82 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min
Delta R.T.: -0.027 min
Response: 3349685
Conc: 26.03 ug/ml



#13 n-Docosane (C22)

R.T.: 13.793 min
Delta R.T.: -0.024 min
Response: 5254096
Conc: 33.75 ug/ml

Instrument :

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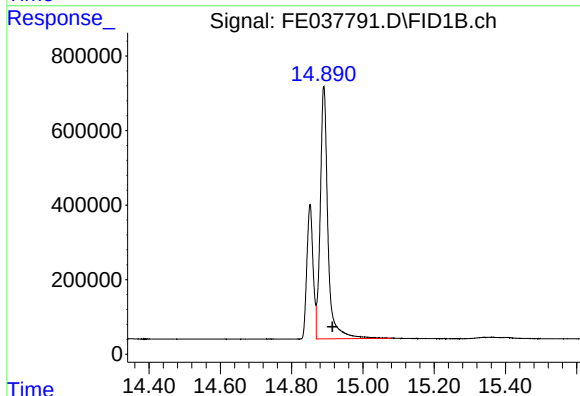
ClientSampleId :

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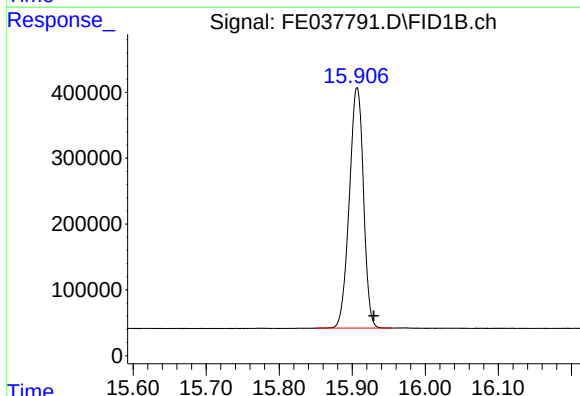
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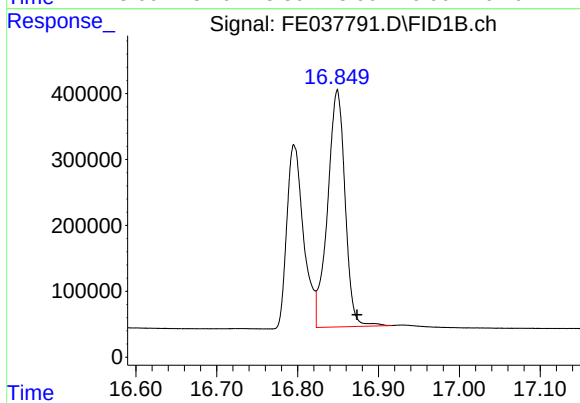
#14 n-Tetracosane (C24)

R.T.: 14.890 min
Delta R.T.: -0.024 min
Response: 10142532
Conc: 67.44 ug/ml



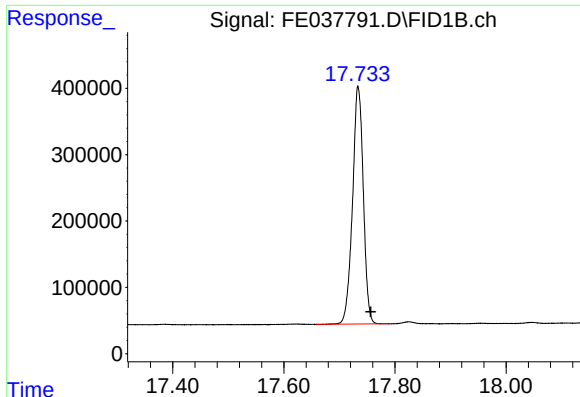
#15 n-Hexacosane (C26)

R.T.: 15.907 min
Delta R.T.: -0.023 min
Response: 4932980
Conc: 34.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.024 min
Response: 5386297
Conc: 38.88 ug/ml



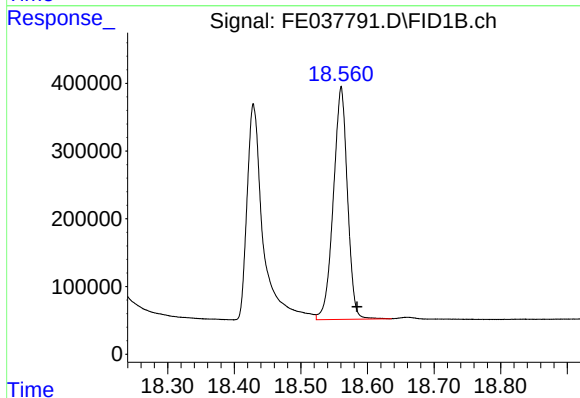
#17 n-Tricontane (C30)

R.T.: 17.734 min
Delta R.T.: -0.023 min
Response: 4838620
Conc: 35.57 ug/ml

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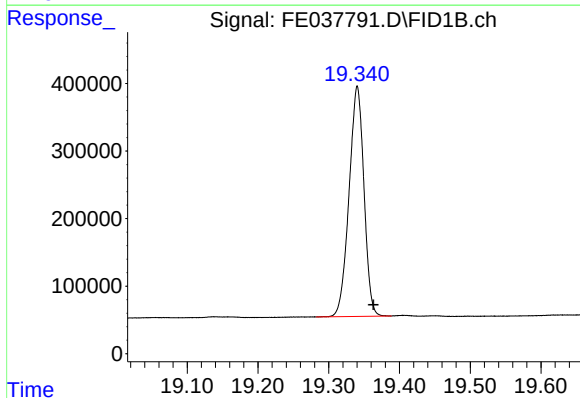
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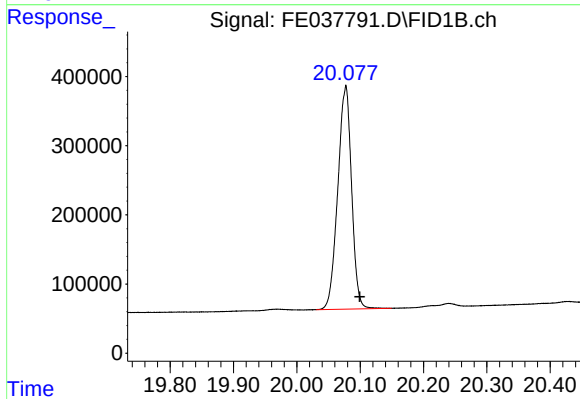
#18 n-Dotriacontane (C32)

R.T.: 18.561 min
Delta R.T.: -0.024 min
Response: 5055955
Conc: 37.86 ug/ml



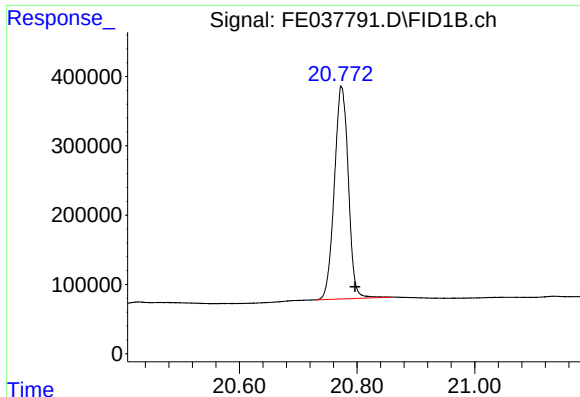
#19 n-Tetratriacontane (C34)

R.T.: 19.340 min
Delta R.T.: -0.023 min
Response: 4978558
Conc: 39.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.077 min
Delta R.T.: -0.022 min
Response: 4887261
Conc: 38.00 ug/ml



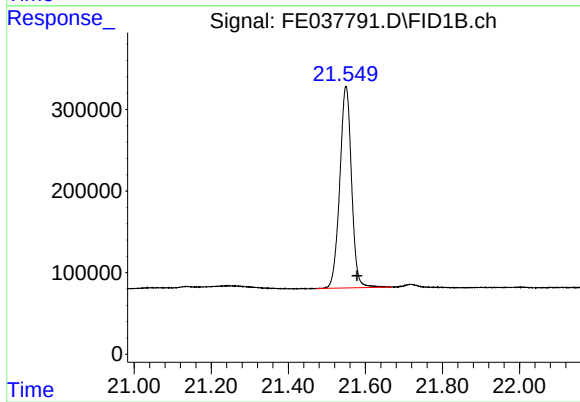
#21 n-Octatriacontane (C38)

R.T.: 20.773 min
Delta R.T.: -0.023 min
Response: 5054238
Conc: 40.61 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.550 min
Delta R.T.: -0.029 min
Response: 5234625
Conc: 40.61 ug/ml