

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121422AL\
 Data File : FE039310.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2022 19:46
 Operator : YP\AJ
 Sample : N6048-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-22MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 15 02:49:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.944	4769059	30.485 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
12) S 1-chlorooctadecane (S...	13.379	3987333	33.024 ug/ml
Spiked Amount 50.000		Recovery =	66.05%
Target Compounds			
1) T n-Nonane (C9)	3.337	3917746	27.639 ug/ml
2) T n-Decane (C10)	4.587	4468489	32.060 ug/ml
3) T A~Naphthalene (C11.7)	6.289	5013541	31.521 ug/ml
4) T n-Dodecane (C12)	6.750	4967849	35.243 ug/ml
5) T A~2-methylnaphthalene...	7.384	5022954	33.561 ug/ml
6) T n-Tetradecane (C14)	8.577	5367254	37.580 ug/ml
7) T n-Hexadecane (C16)	10.184	6104077	41.748 ug/ml
8) T n-Octadecane (C18)	11.627	6562692	44.599 ug/ml
10) T n-Eicosane (C20)	12.936	6368149	44.858 ug/ml
11) T n-Heneicosane (C21)	13.547	6274084	44.153 ug/ml
13) T n-Docosane (C22)	14.134	6285440	44.964 ug/ml
14) T n-Tetracosane (C24)	15.237	2661378	19.271 ug/mlm
15) T n-Hexacosane (C26)	16.258	6080642	45.272 ug/ml
16) T n-Octacosane (C28)	17.208	5990932	45.113 ug/ml
17) T n-Tricontane (C30)	18.097	5728854	43.380 ug/ml
18) T n-Dotriacontane (C32)	18.929	5806757	43.540 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5709475	43.148 ug/ml
20) T n-Hexatriacontane (C36)	20.453	5725032	44.563 ug/ml
21) T n-Octatriacontane (C38)	21.194	6560942	50.070 ug/ml
22) T n-Tetracontane (C40)	22.114	6755539	49.612 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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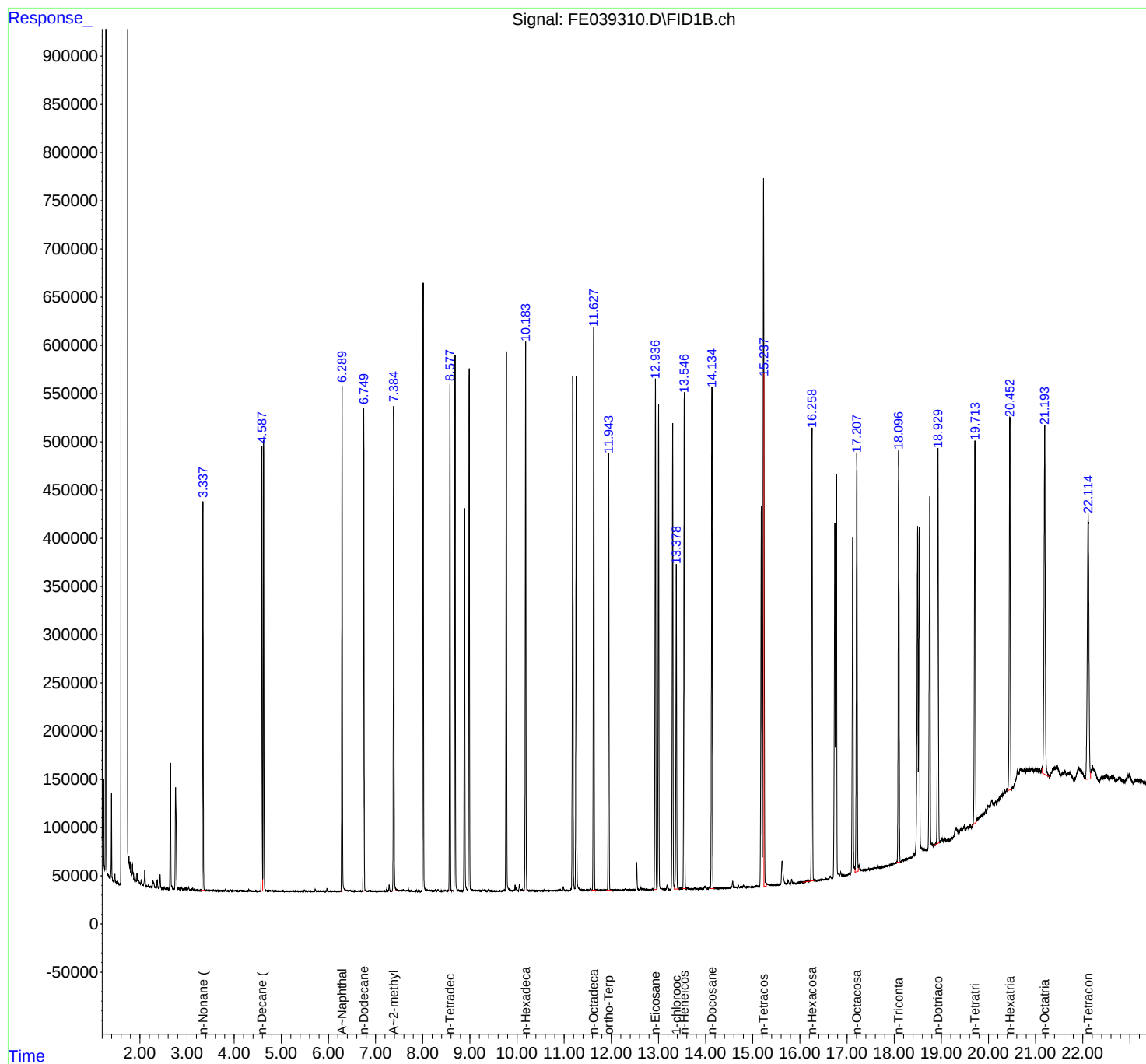
Instrument :
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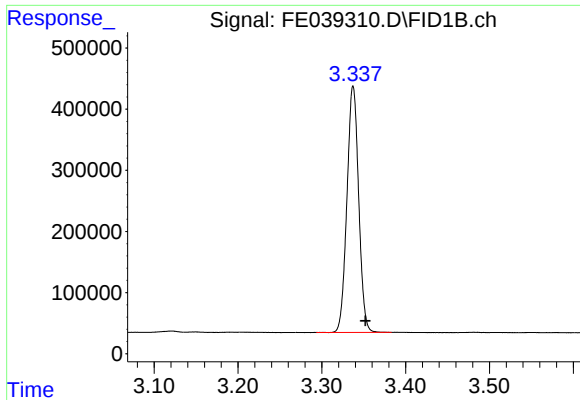
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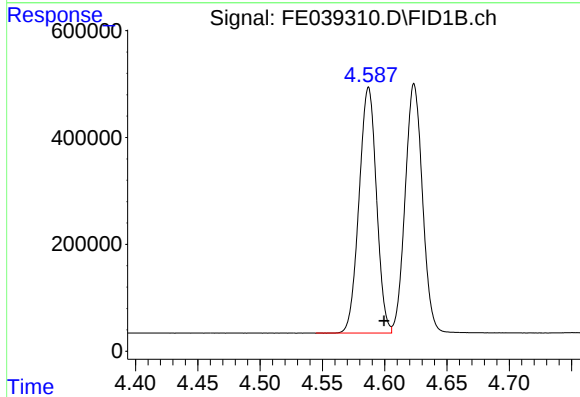
#1 n-Nonane (C9)

R.T.: 3.337 min
Delta R.T.: -0.015 min
Response: 3917746
Conc: 27.64 ug/ml

Instrument :
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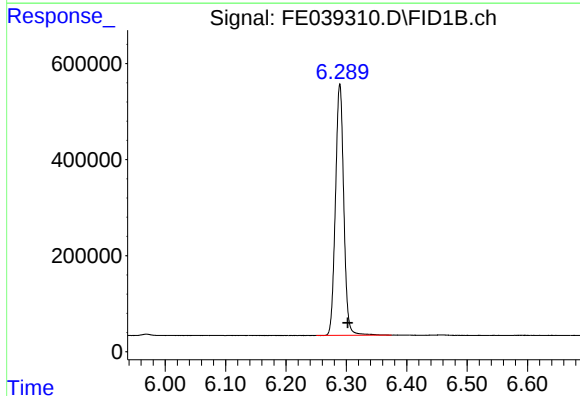
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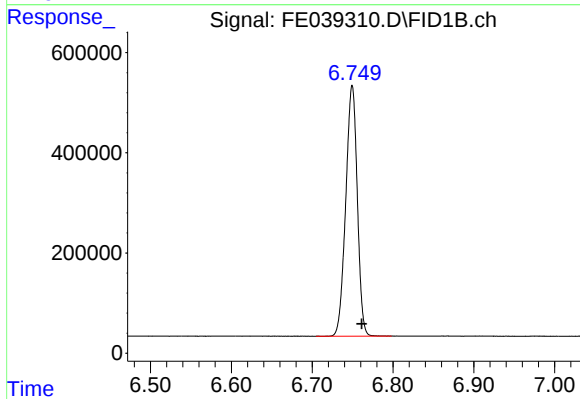
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.012 min
Response: 4468489
Conc: 32.06 ug/ml



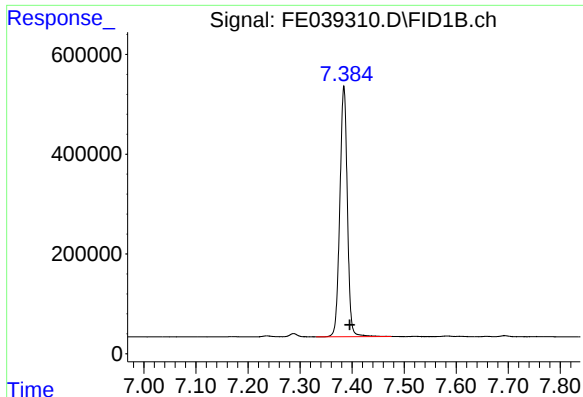
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.013 min
Response: 5013541
Conc: 31.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.750 min
Delta R.T.: -0.012 min
Response: 4967849
Conc: 35.24 ug/ml



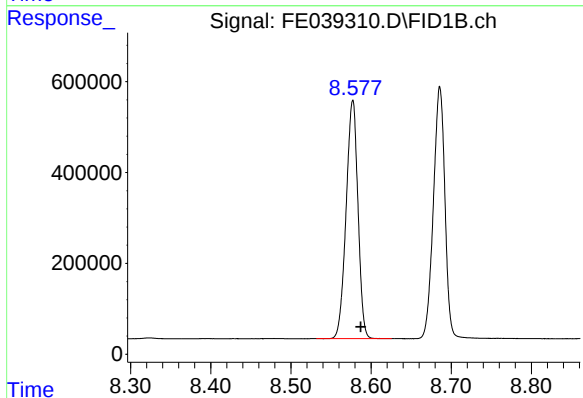
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.012 min
Response: 5022954
Conc: 33.56 ug/ml

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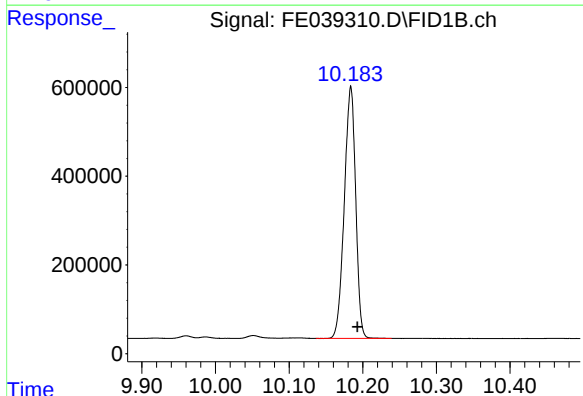
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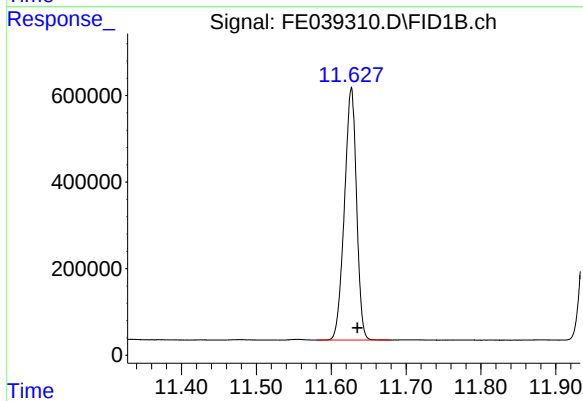
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.010 min
Response: 5367254
Conc: 37.58 ug/ml



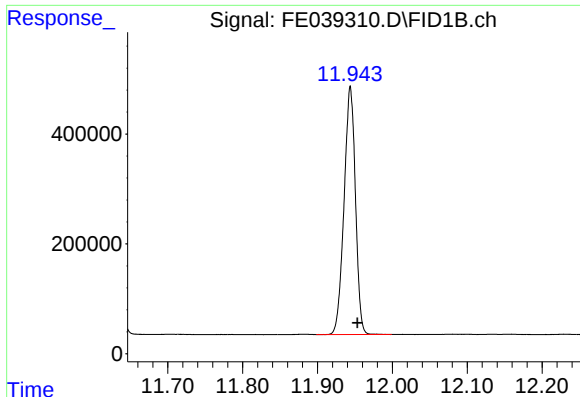
#7 n-Hexadecane (C16)

R.T.: 10.184 min
Delta R.T.: -0.009 min
Response: 6104077
Conc: 41.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.008 min
Response: 6562692
Conc: 44.60 ug/ml



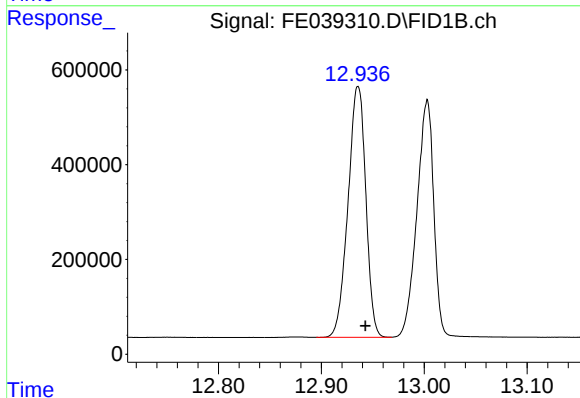
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.009 min
Response: 4769059
Conc: 30.49 ug/ml

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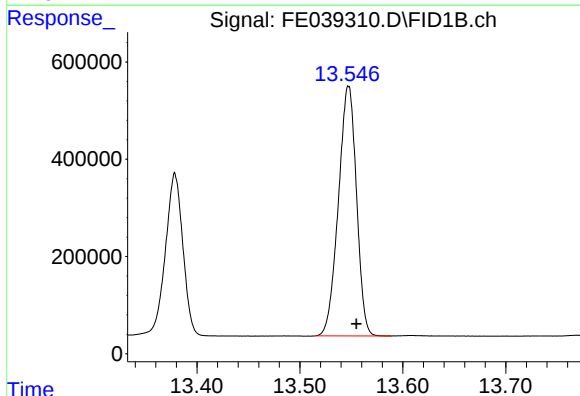
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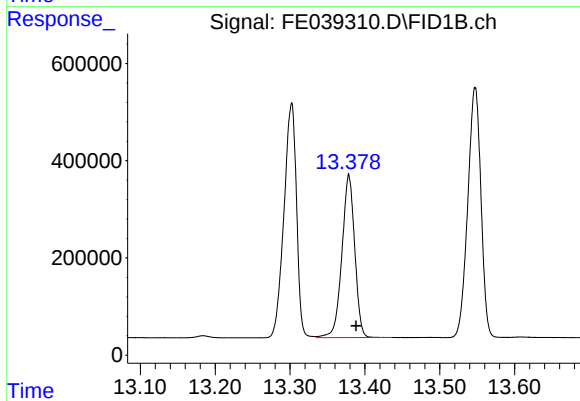
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.007 min
Response: 6368149
Conc: 44.86 ug/ml



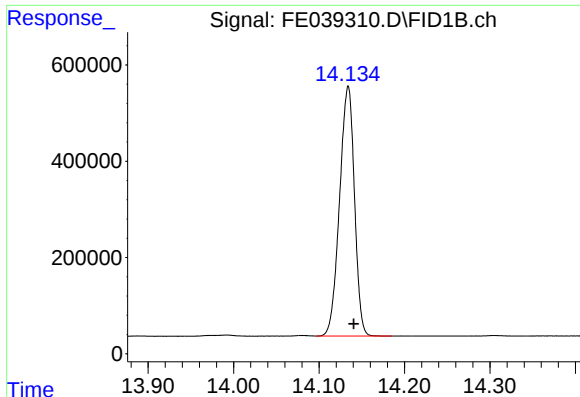
#11 n-Heneicosane (C21)

R.T.: 13.547 min
Delta R.T.: -0.008 min
Response: 6274084
Conc: 44.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: -0.009 min
Response: 3987333
Conc: 33.02 ug/ml



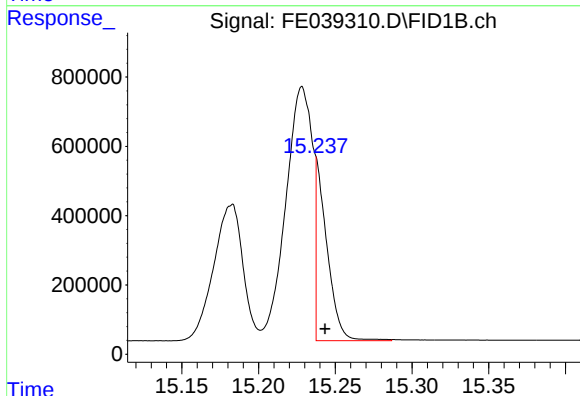
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.007 min
Response: 6285440
Conc: 44.96 ug/ml

Instrument :
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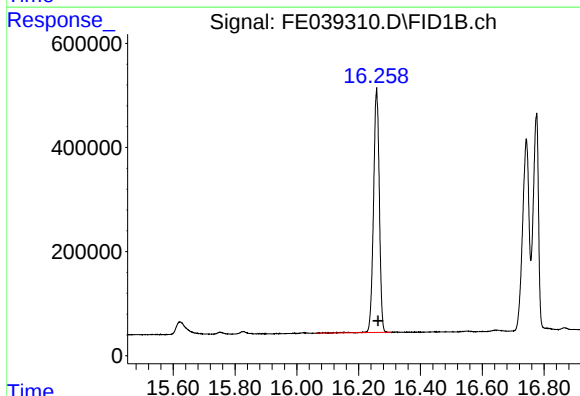
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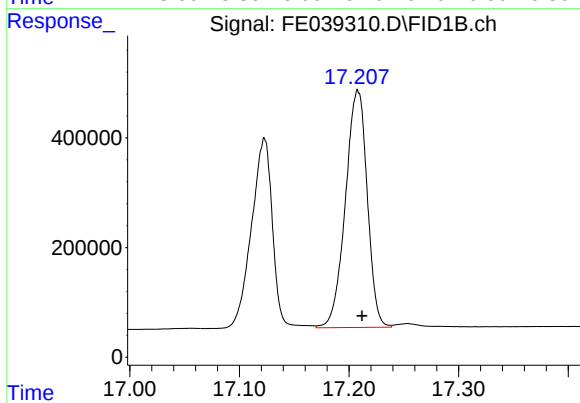
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.006 min
Response: 2661378
Conc: 19.27 ug/ml m



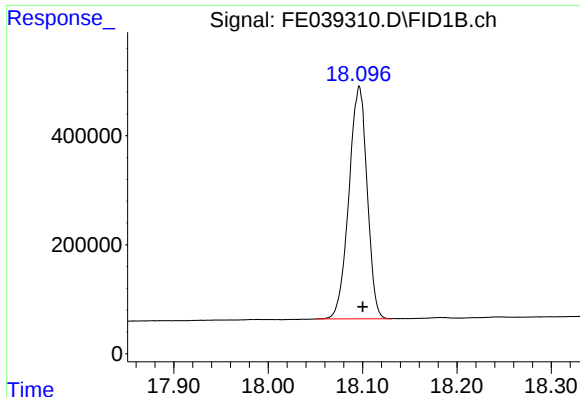
#15 n-Hexacosane (C26)

R.T.: 16.258 min
Delta R.T.: -0.005 min
Response: 6080642
Conc: 45.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: -0.004 min
Response: 5990932
Conc: 45.11 ug/ml



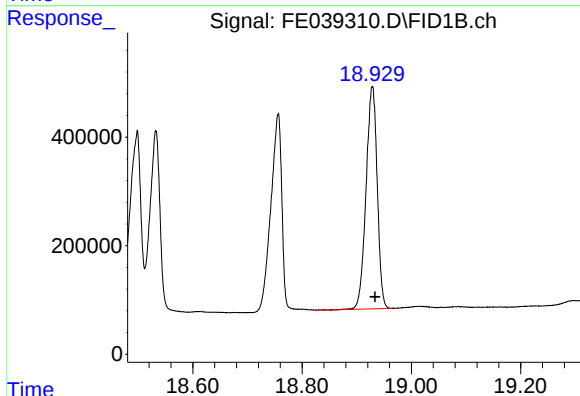
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.004 min
Response: 5728854
Conc: 43.38 ug/ml

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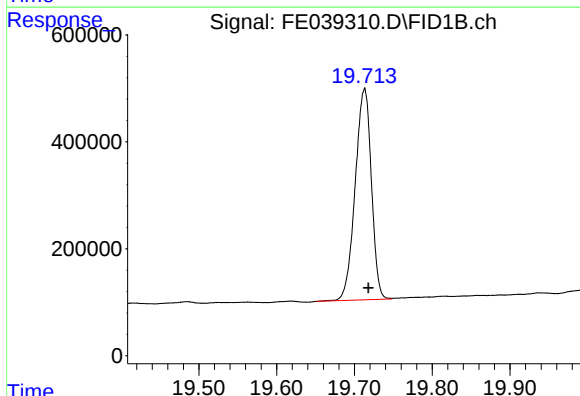
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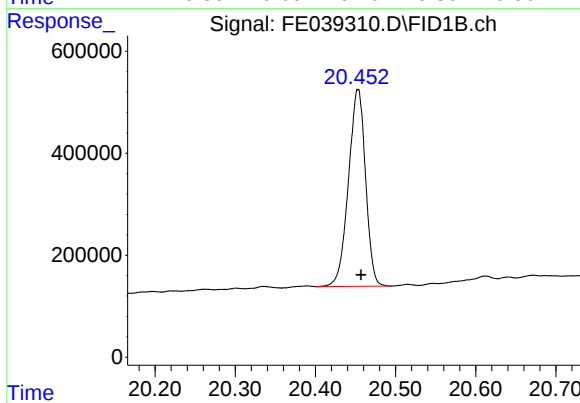
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.005 min
Response: 5806757
Conc: 43.54 ug/ml



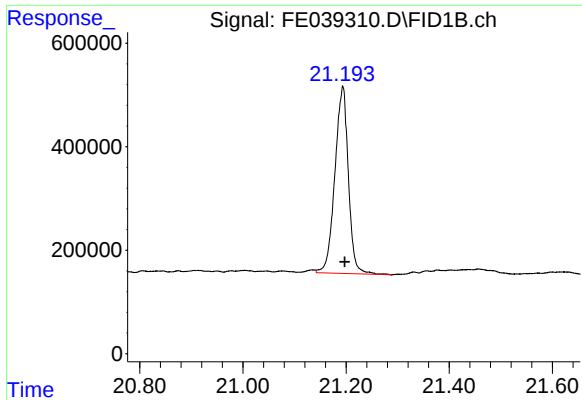
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.005 min
Response: 5709475
Conc: 43.15 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.004 min
Response: 5725032
Conc: 44.56 ug/ml



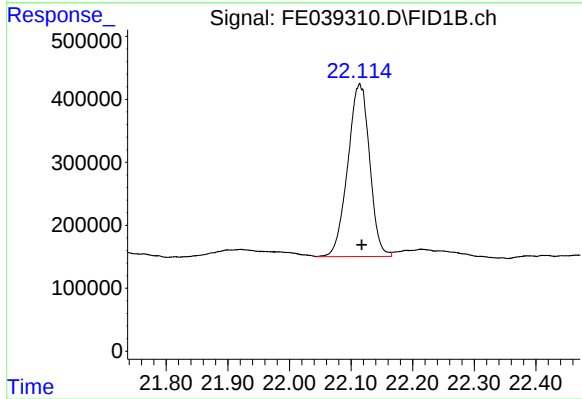
#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.003 min
Response: 6560942
Conc: 50.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.004 min
Response: 6755539
Conc: 49.61 ug/ml