

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042123AL\
 Data File : FE041460.D
 Signal(s) : FID1B.ch
 Acq On : 20 Apr 2023 19:55
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/21/2023
 Supervised By :Ankita Jodhani 04/21/2023

Integration File: autoint1.e
 Quant Time: Apr 21 04:31:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 04:18:48 2023
 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)	11.970	1008438	5.375 ug/ml
Spiked Amount 50.000		Recovery =	10.75%
12) S 1-chlorooctadecane (S...	13.406	752185	5.324 ug/ml
Spiked Amount 50.000		Recovery =	10.65%
Target Compounds			
1) T n-Nonane (C9)	3.356	784968	5.340 ug/ml
2) T n-Decane (C10)	4.606	800958	5.340 ug/ml
3) T A~Naphthalene (C11.7)	6.308	883038	5.336 ug/ml
4) T n-Dodecane (C12)	6.773	810742	5.332 ug/ml
5) T A~2-methylnaphthalene...	7.404	858844	5.326 ug/ml
6) T n-Tetradecane (C14)	8.601	803882	5.292 ug/ml
7) T n-Hexadecane (C16)	10.208	853397	5.348 ug/ml
8) T n-Octadecane (C18)	11.652	875757	5.343 ug/ml
10) T n-Eicosane (C20)	12.962	862696	5.364 ug/ml
11) T n-Heneicosane (C21)	13.574	852239	5.348 ug/ml
13) T n-Docosane (C22)	14.160	848604	5.326 ug/ml
14) T n-Tetracosane (C24)	15.263	864982	5.365 ug/ml
15) T n-Hexacosane (C26)	16.284	839589	5.311 ug/ml
16) T n-Octacosane (C28)	17.232	817992	5.316 ug/ml
17) T n-Tricontane (C30)	18.118	807994	5.305 ug/ml
18) T n-Dotriacontane (C32)	18.952	788055	5.290 ug/ml
19) T n-Tetratriacontane (C34)	19.733	746831	5.297 ug/mlm
20) T n-Hexatriacontane (C36)	20.472	705248	5.268 ug/mlm
21) T n-Octatriacontane (C38)	21.222	732000	5.537 ug/mlm
22) T n-Tetracontane (C40)	22.154	669392	5.287 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FE041460.D
Signal(s) : FID1B.ch
Acq On : 20 Apr 2023 19:55
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

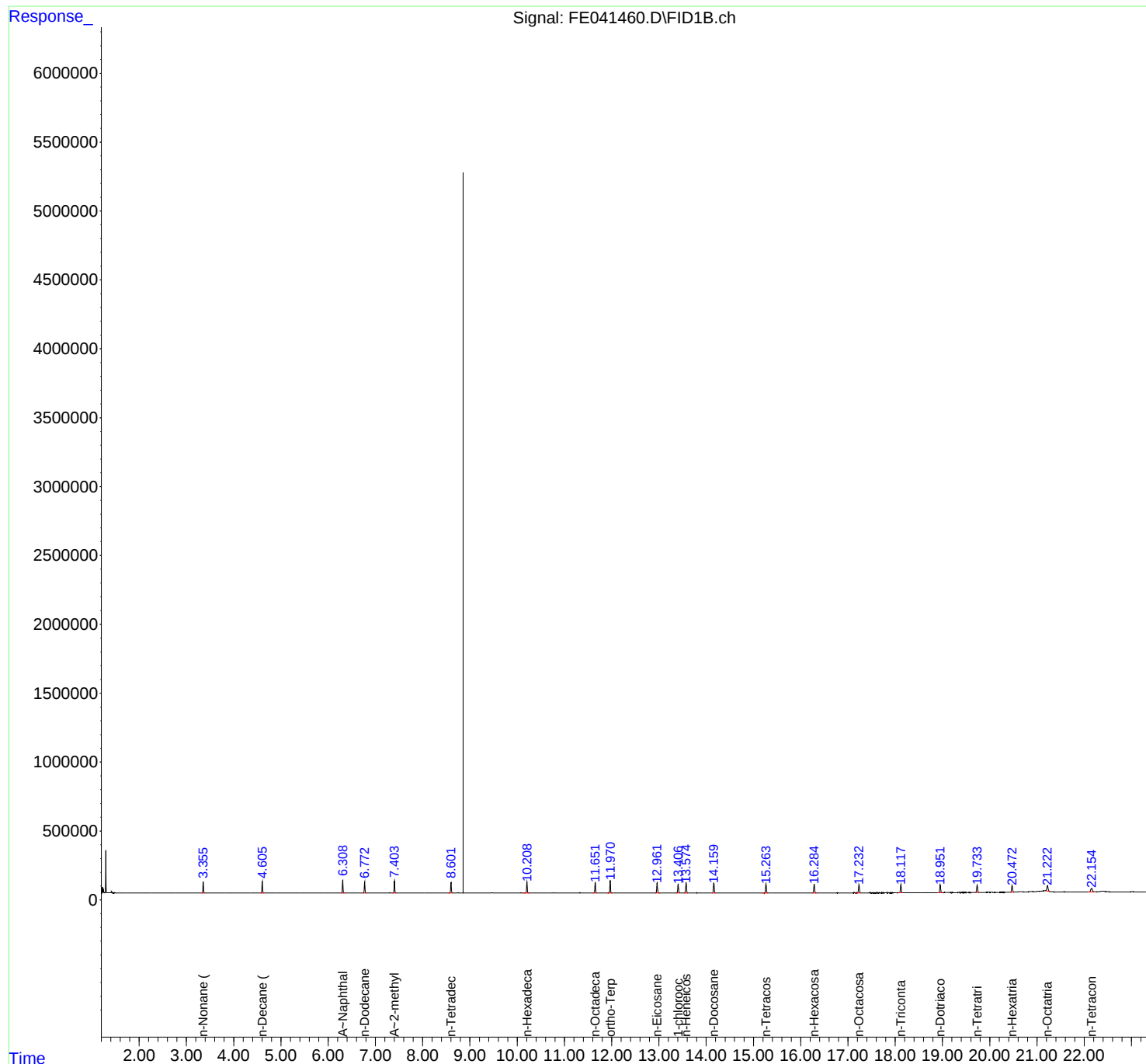
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

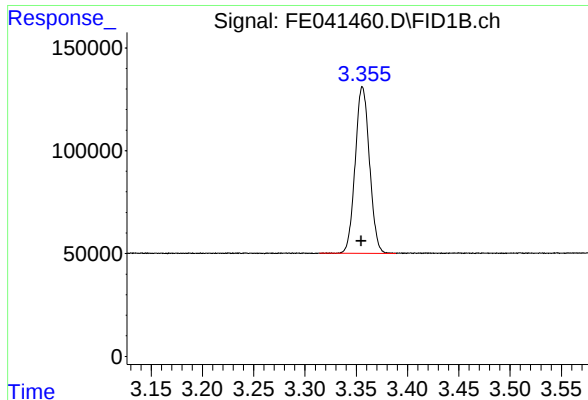
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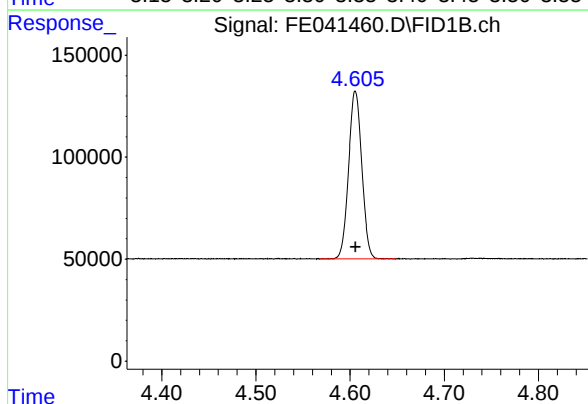
#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: 0.001 min
Response: 784968
Conc: 5.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

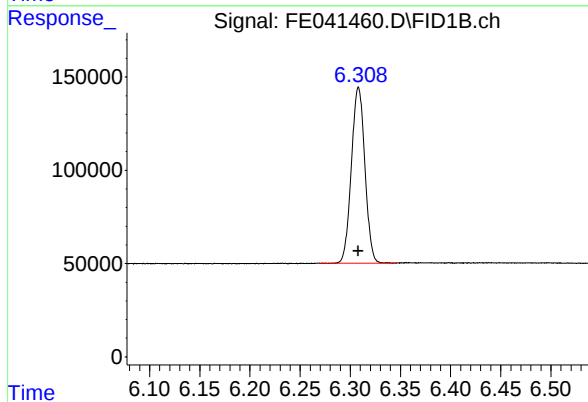
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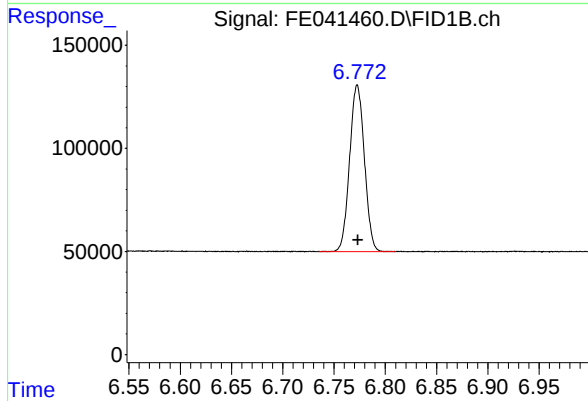
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 800958
Conc: 5.34 ug/ml



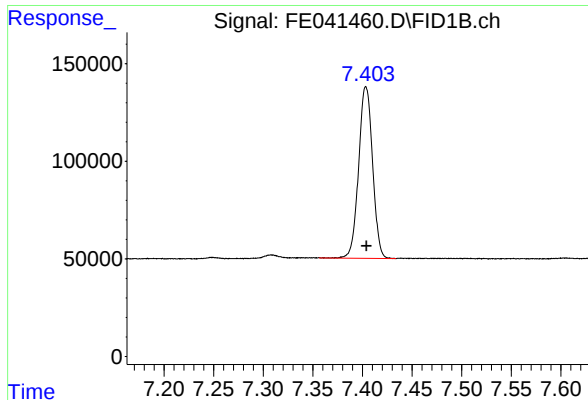
#3 A~Naphthalene (C11.7)

R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 883038
Conc: 5.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 810742
Conc: 5.33 ug/ml



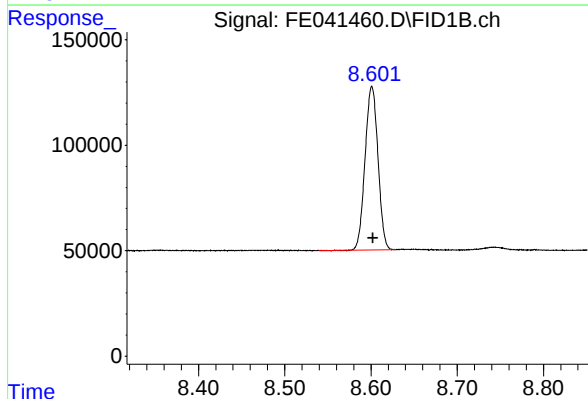
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 858844
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

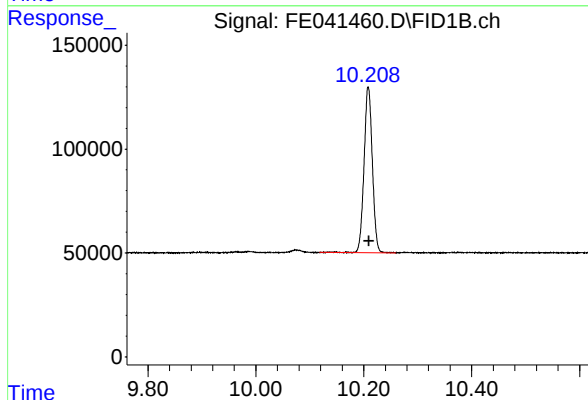
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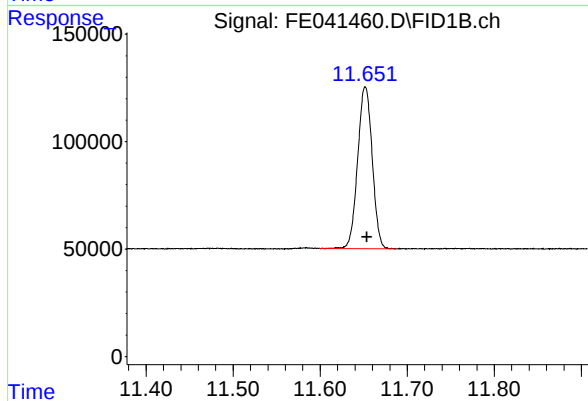
#6 n-Tetradecane (C14)

R.T.: 8.601 min
Delta R.T.: -0.001 min
Response: 803882
Conc: 5.29 ug/ml



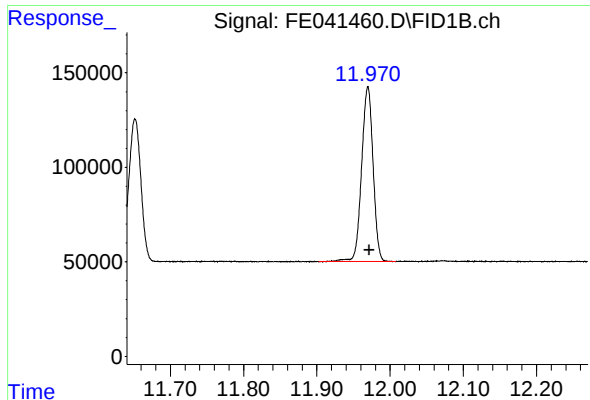
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 853397
Conc: 5.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
Delta R.T.: -0.002 min
Response: 875757
Conc: 5.34 ug/ml



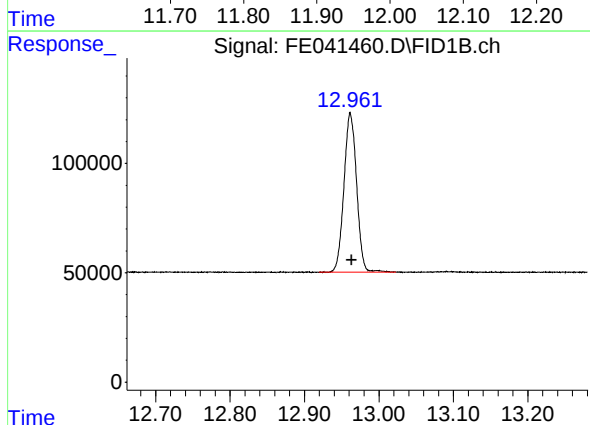
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min
Delta R.T.: -0.002 min
Response: 1008438
Conc: 5.38 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

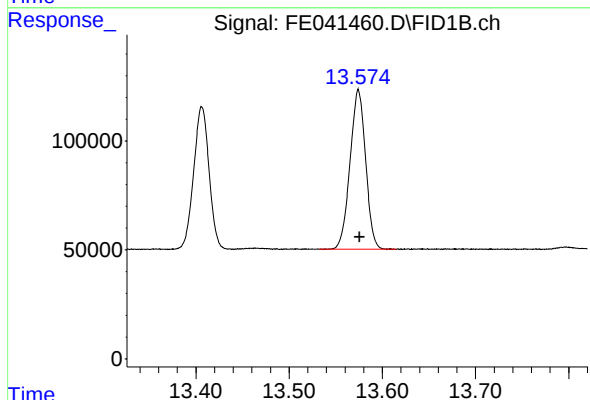
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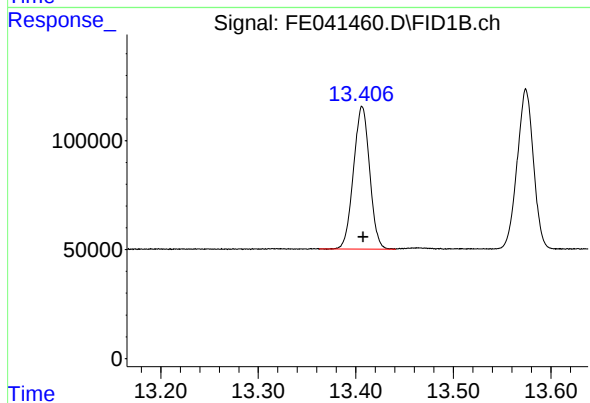
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 862696
Conc: 5.36 ug/ml



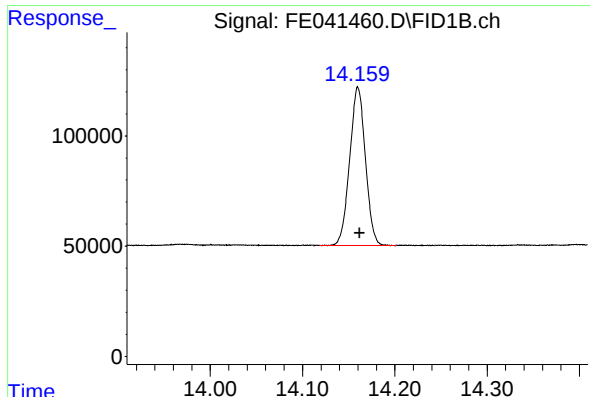
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.001 min
Response: 852239
Conc: 5.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.001 min
Response: 752185
Conc: 5.32 ug/ml



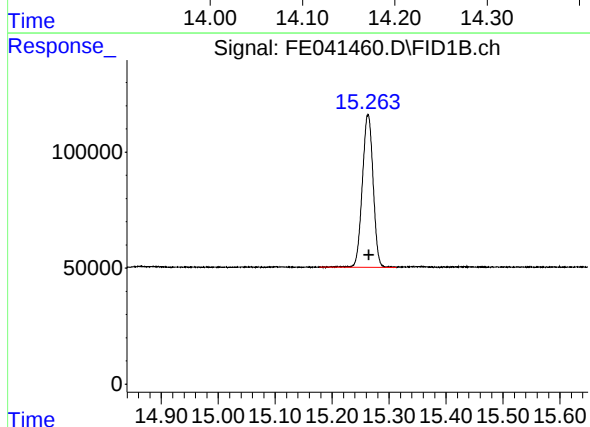
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.002 min
Response: 848604
Conc: 5.33 ug/ml

Instrument :
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5 PPM ALIPHATIC HC STD5

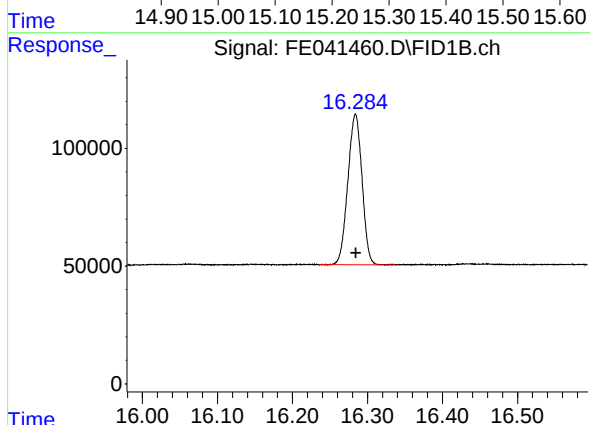
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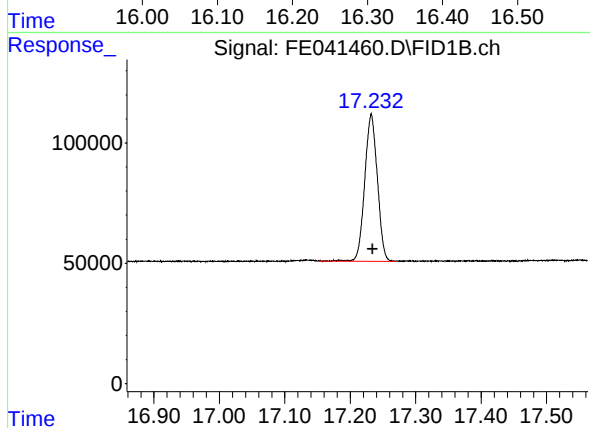
#14 n-Tetracosane (C24)

R.T.: 15.263 min
Delta R.T.: -0.002 min
Response: 864982
Conc: 5.37 ug/ml



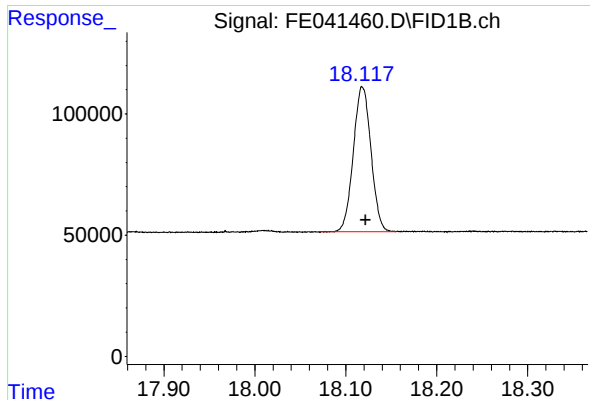
#15 n-Hexacosane (C26)

R.T.: 16.284 min
Delta R.T.: 0.000 min
Response: 839589
Conc: 5.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: -0.002 min
Response: 817992
Conc: 5.32 ug/ml



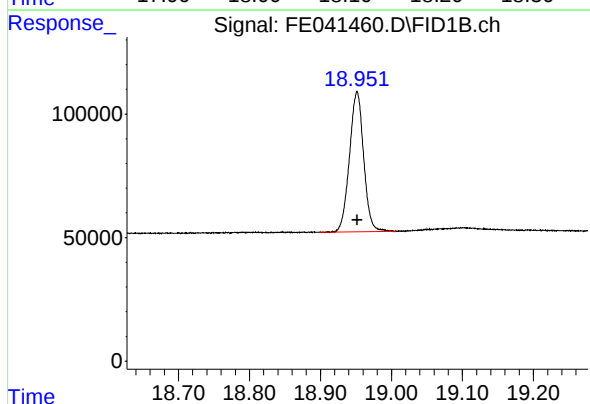
#17 n-Tricontane (C30)

R.T.: 18.118 min
Delta R.T.: -0.003 min
Response: 807994
Conc: 5.31 ug/ml

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5 PPM ALIPHATIC HC STD5

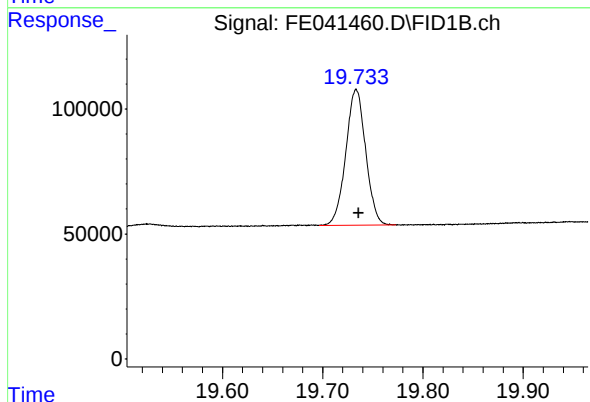
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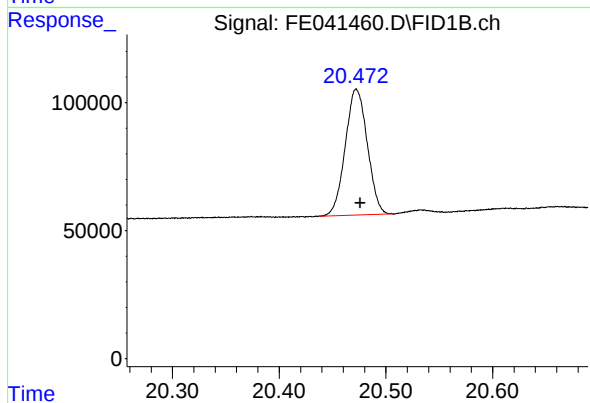
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: 0.000 min
Response: 788055
Conc: 5.29 ug/ml



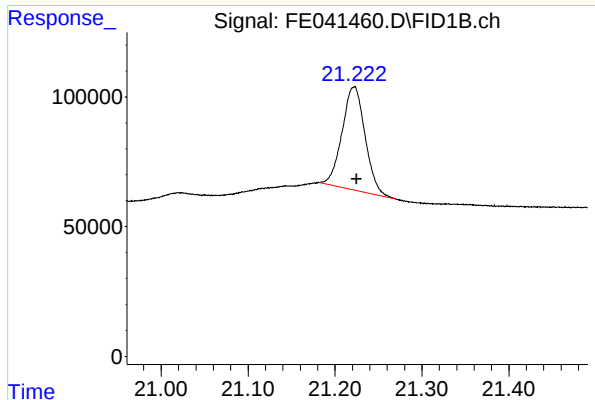
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.003 min
Response: 746831
Conc: 5.30 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.472 min
Delta R.T.: -0.004 min
Response: 705248
Conc: 5.27 ug/ml m



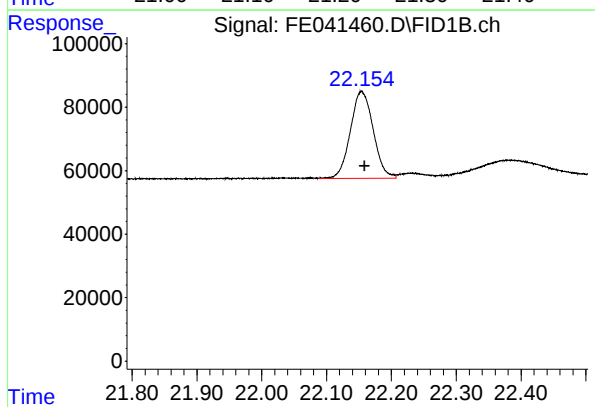
#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: -0.003 min
Response: 732000
Conc: 5.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: -0.005 min
Response: 669392
Conc: 5.29 ug/ml