

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100824AL\
 Data File : FE050539.D
 Signal(s) : FID1B.ch
 Acq On : 07 Oct 2024 16:07
 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 10/08/2024
 Supervised By :Ankita Jodhani 10/08/2024

Integration File: autoint1.e
 Quant Time: Oct 07 16:31:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:31:21 2024
 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)	11.863	837545	5.312 ug/ml
Spiked Amount 50.000		Recovery =	10.62%
12) S 1-chlorooctadecane (S...	13.298	614466	5.194 ug/ml
Spiked Amount 50.000		Recovery =	10.39%
Target Compounds			
1) T n-Nonane (C9)	3.254	753304	5.332 ug/ml
2) T n-Decane (C10)	4.503	761079	5.305 ug/ml
3) T A~Naphthalene (C11.7)	6.217	703385	4.919 ug/ml
4) T n-Dodecane (C12)	6.670	760541	5.284 ug/ml
5) T A~2-methylnaphthalene...	7.313	623807	4.709 ug/ml
6) T n-Tetradecane (C14)	8.496	759193	5.307 ug/ml
7) T n-Hexadecane (C16)	10.102	772180	5.247 ug/ml
8) T n-Octadecane (C18)	11.544	790974	5.295 ug/ml
10) T n-Eicosane (C20)	12.852	765738	5.340 ug/ml
11) T n-Heneicosane (C21)	13.463	747887	5.326 ug/ml
13) T n-Docosane (C22)	14.048	755779	5.387 ug/ml
14) T n-Tetracosane (C24)	15.150	766754	5.427 ug/ml
15) T n-Hexacosane (C26)	16.169	761614	5.412 ug/ml
16) T n-Octacosane (C28)	17.117	840920	5.747 ug/ml
17) T n-Tricontane (C30)	18.004	955708	6.011 ug/ml
18) T n-Dotriacontane (C32)	18.837	1007931	6.217 ug/ml
19) T n-Tetratriacontane (C34)	19.619	889564	6.056 ug/ml
20) T n-Hexatriacontane (C36)	20.358	736787	5.810 ug/ml
21) T n-Octatriacontane (C38)	21.084	775038	6.268 ug/ml
22) T n-Tetracontane (C40)	21.969	573373	5.145 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 07 Oct 2024 16:07
Operator : YP\AJ
Sample : 5 PPM ALIPHATIC HC STD5
Misc :
ALS Vial : 15 Sample Multiplier: 1

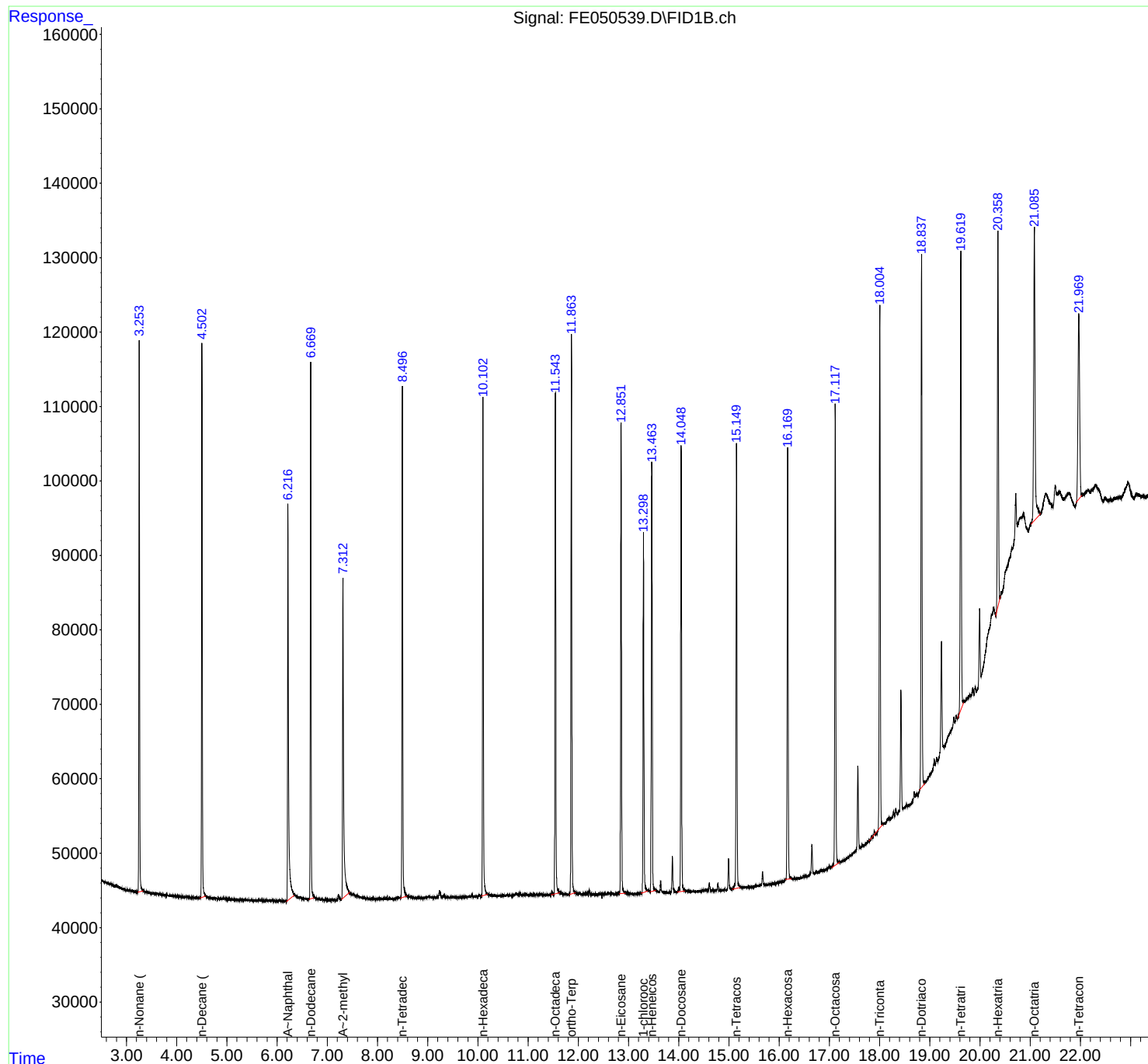
Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

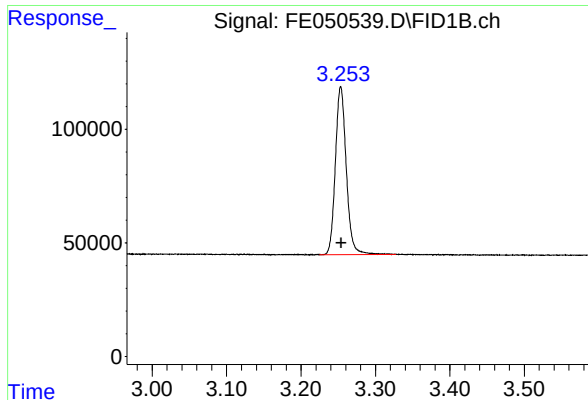
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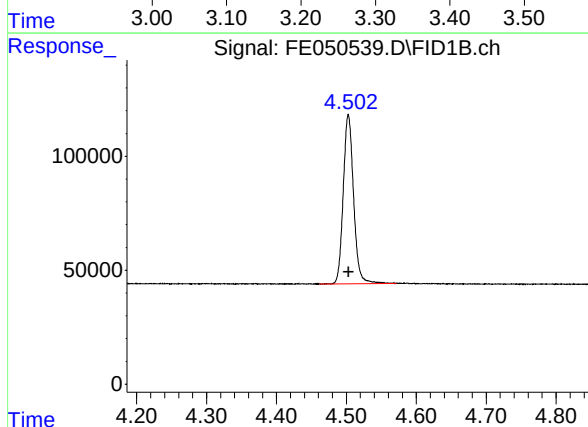
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: 0.000 min
Response: 753304
Conc: 5.33 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5

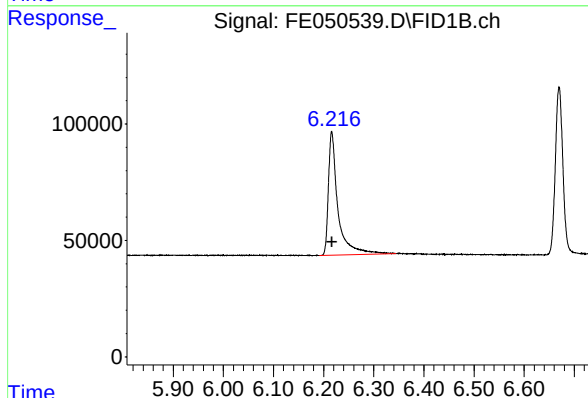
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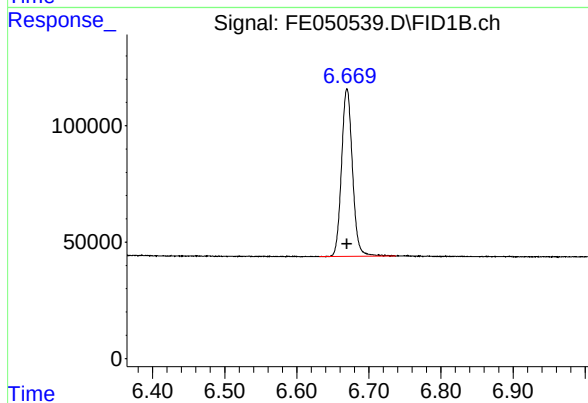
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: 0.000 min
Response: 761079
Conc: 5.30 ug/ml



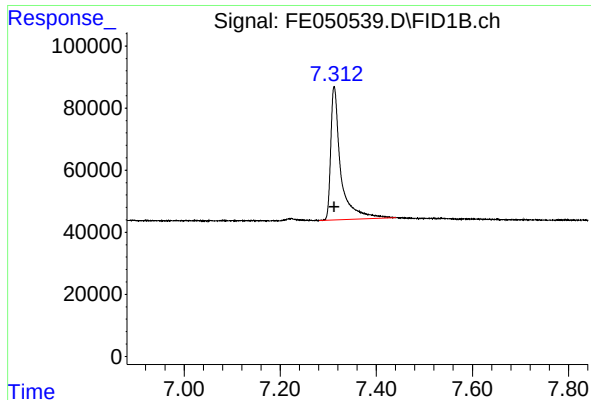
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: 0.000 min
Response: 703385
Conc: 4.92 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 760541
Conc: 5.28 ug/ml



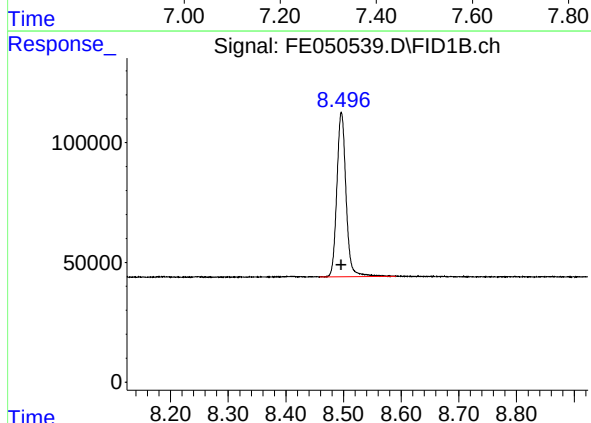
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 623807
Conc: 4.71 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

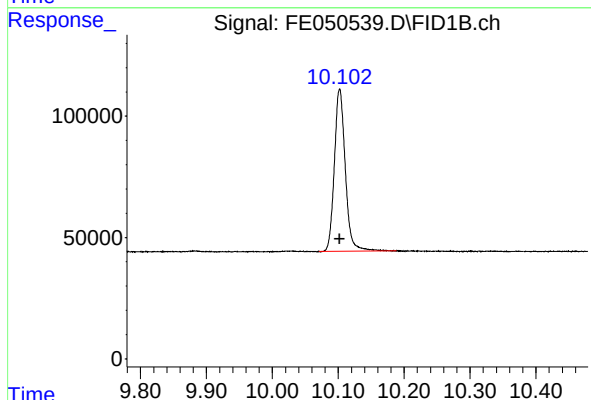
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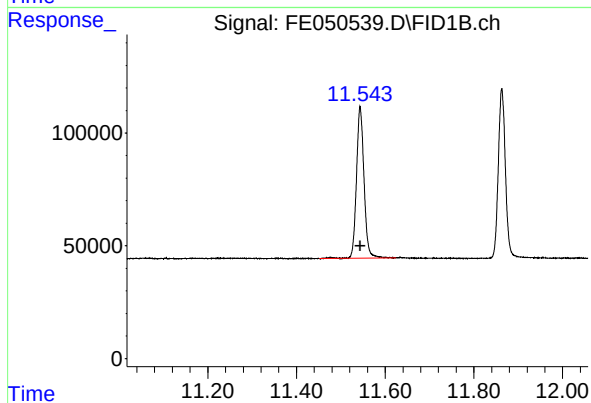
#6 n-Tetradecane (C14)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 759193
Conc: 5.31 ug/ml



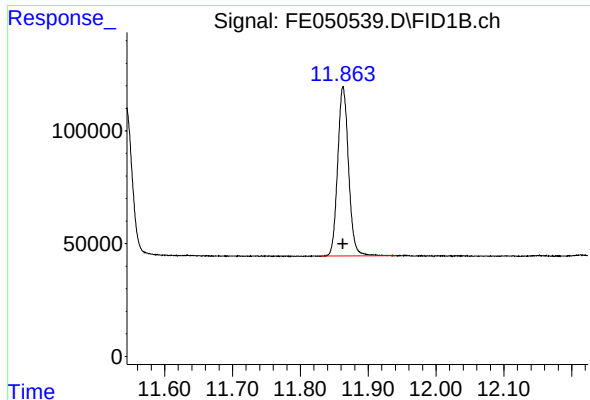
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 772180
Conc: 5.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 790974
Conc: 5.30 ug/ml



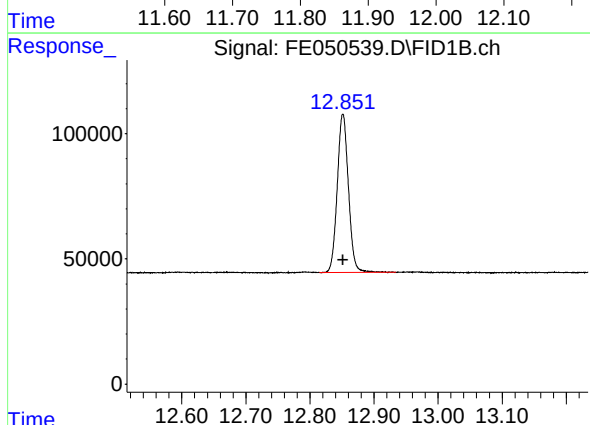
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 837545
Conc: 5.31 ug/ml

Instrument :
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ClientSampleId :
5 PPM ALIPHATIC HC STD5

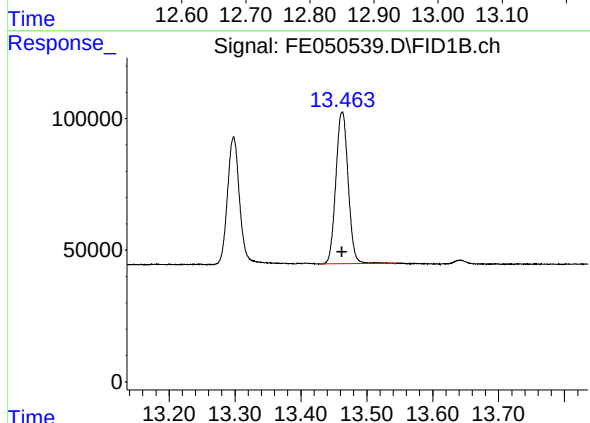
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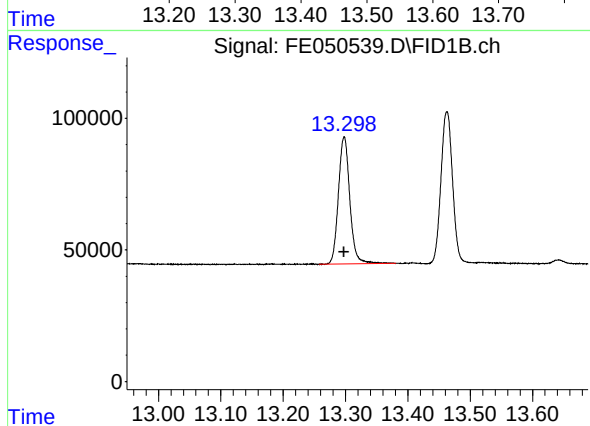
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.000 min
Response: 765738
Conc: 5.34 ug/ml



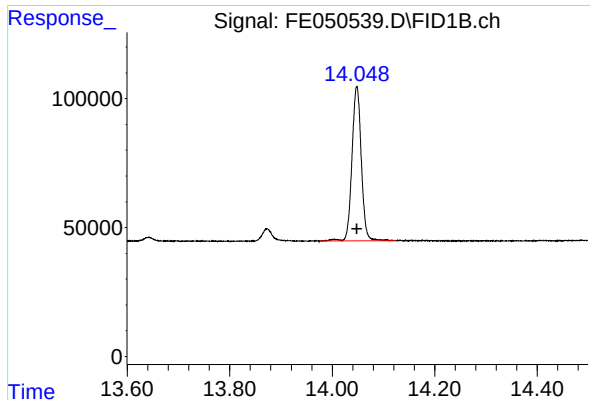
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 747887
Conc: 5.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: 0.000 min
Response: 614466
Conc: 5.19 ug/ml



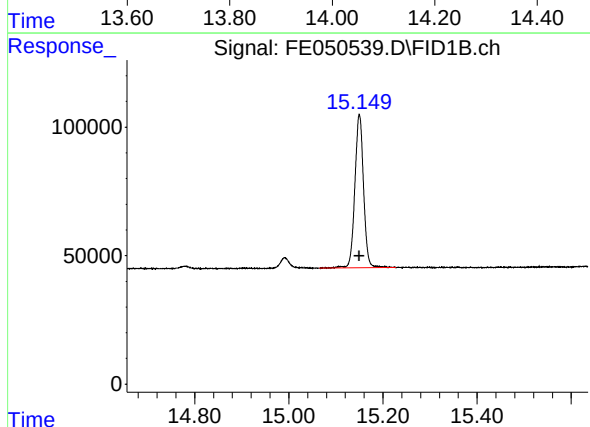
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: 0.000 min
Response: 755779
Conc: 5.39 ug/ml

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5 PPM ALIPHATIC HC STD5

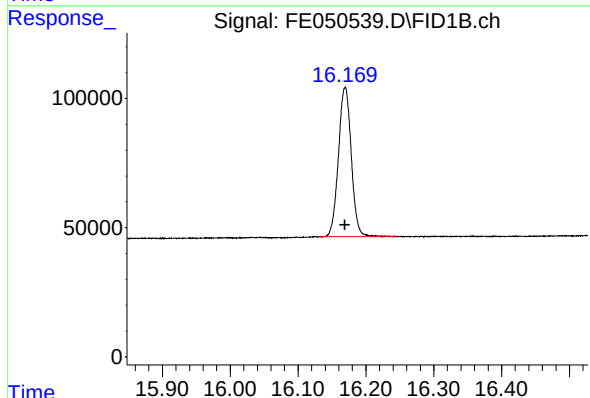
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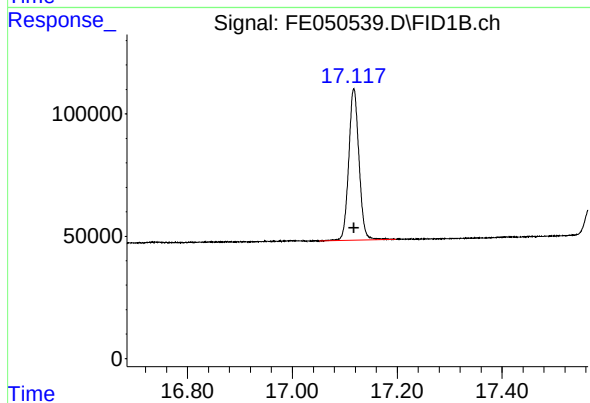
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 766754
Conc: 5.43 ug/ml



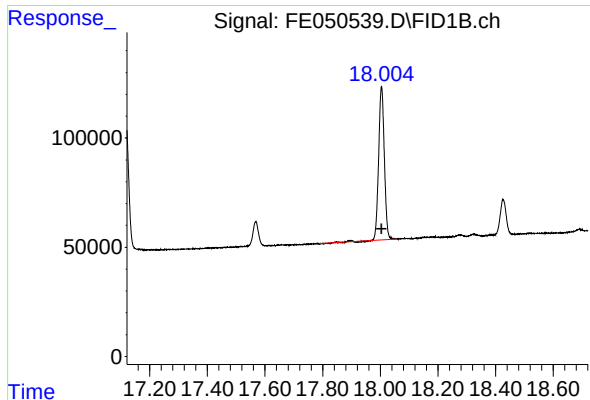
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: 0.000 min
Response: 761614
Conc: 5.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: 0.000 min
Response: 840920
Conc: 5.75 ug/ml



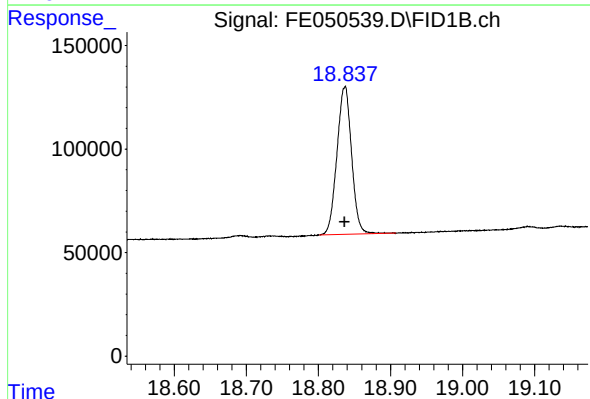
#17 n-Tricontane (C30)

R.T.: 18.004 min
Delta R.T.: 0.000 min
Response: 955708
Conc: 6.01 ug/ml

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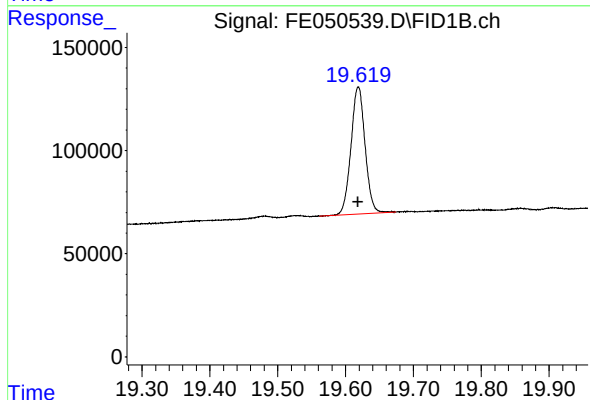
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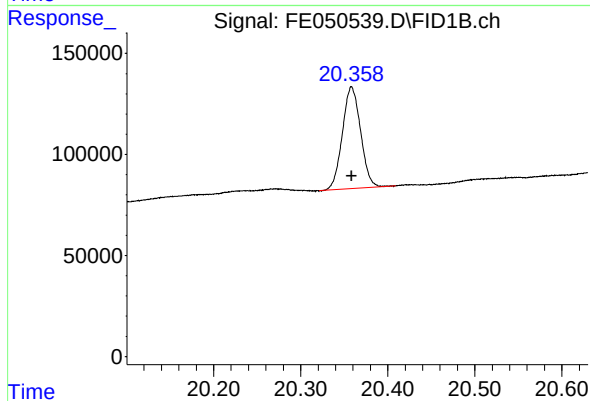
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: 0.000 min
Response: 1007931
Conc: 6.22 ug/ml



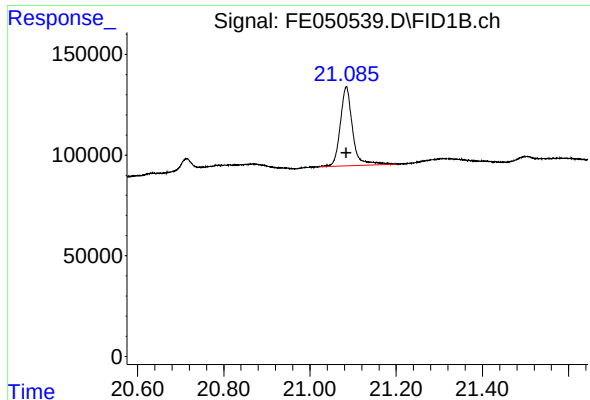
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: 0.000 min
Response: 889564
Conc: 6.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: 0.000 min
Response: 736787
Conc: 5.81 ug/ml



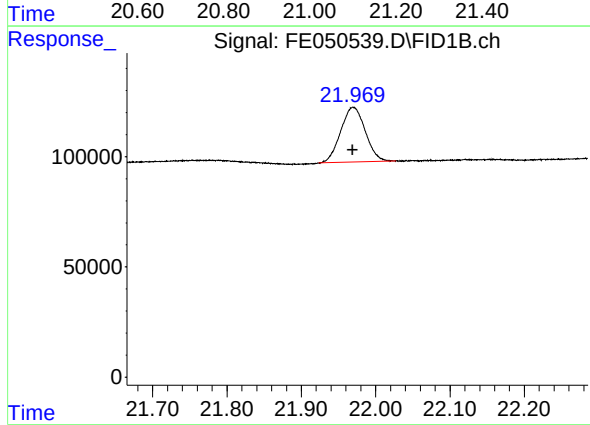
#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 775038
Conc: 6.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: 0.000 min
Response: 573373
Conc: 5.14 ug/ml m