

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102524AL\
 Data File : FE050839.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2024 16:16
 Operator : YP\AJ
 Sample : P4531-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-102424MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2024
 Supervised By :Ankita Jodhani 10/28/2024

Integration File: autoint1.e
 Quant Time: Oct 26 01:36:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.860	4732193	30.016 ug/mlm
Spiked Amount 50.000		Recovery =	60.03%
12) S 1-chlorooctadecane (S...	13.294	6093226	51.509 ug/mlm
Spiked Amount 50.000		Recovery =	103.02%
Target Compounds			
1) T n-Nonane (C9)	3.246	3998855	28.302 ug/ml
2) T n-Decane (C10)	4.497	4472812	31.175 ug/ml
3) T A~Naphthalene (C11.7)	6.207	5267827	36.840 ug/mlm
4) T n-Dodecane (C12)	6.665	4991410	34.679 ug/ml
5) T A~2-methylnaphthalene...	7.304	5258835	39.695 ug/ml
6) T n-Tetradecane (C14)	8.493	5647092	39.472 ug/ml
7) T n-Hexadecane (C16)	10.097	6046688	41.087 ug/ml
8) T n-Octadecane (C18)	11.540	6000012	40.169 ug/mlm
10) T n-Eicosane (C20)	12.849	6619563	46.161 ug/mlm
11) T n-Heneicosane (C21)	13.459	5856252	41.701 ug/mlm
13) T n-Docosane (C22)	14.044	6226165	44.379 ug/mlm
14) T n-Tetracosane (C24)	15.150	15454678	109.393 ug/ml
15) T n-Hexacosane (C26)	16.168	6103853	43.377 ug/ml
16) T n-Octacosane (C28)	17.118	6106661	41.732 ug/mlm
17) T n-Tricontane (C30)	18.006	6148389	38.669 ug/mlm
18) T n-Dotriacontane (C32)	18.836	6327417	39.031 ug/ml
19) T n-Tetratriacontane (C34)	19.620	6542373	44.539 ug/ml
20) T n-Hexatriacontane (C36)	20.361	6294102	49.633 ug/ml
21) T n-Octatriacontane (C38)	21.088	6835828	55.285 ug/ml
22) T n-Tetracontane (C40)	21.977	6039408	54.238 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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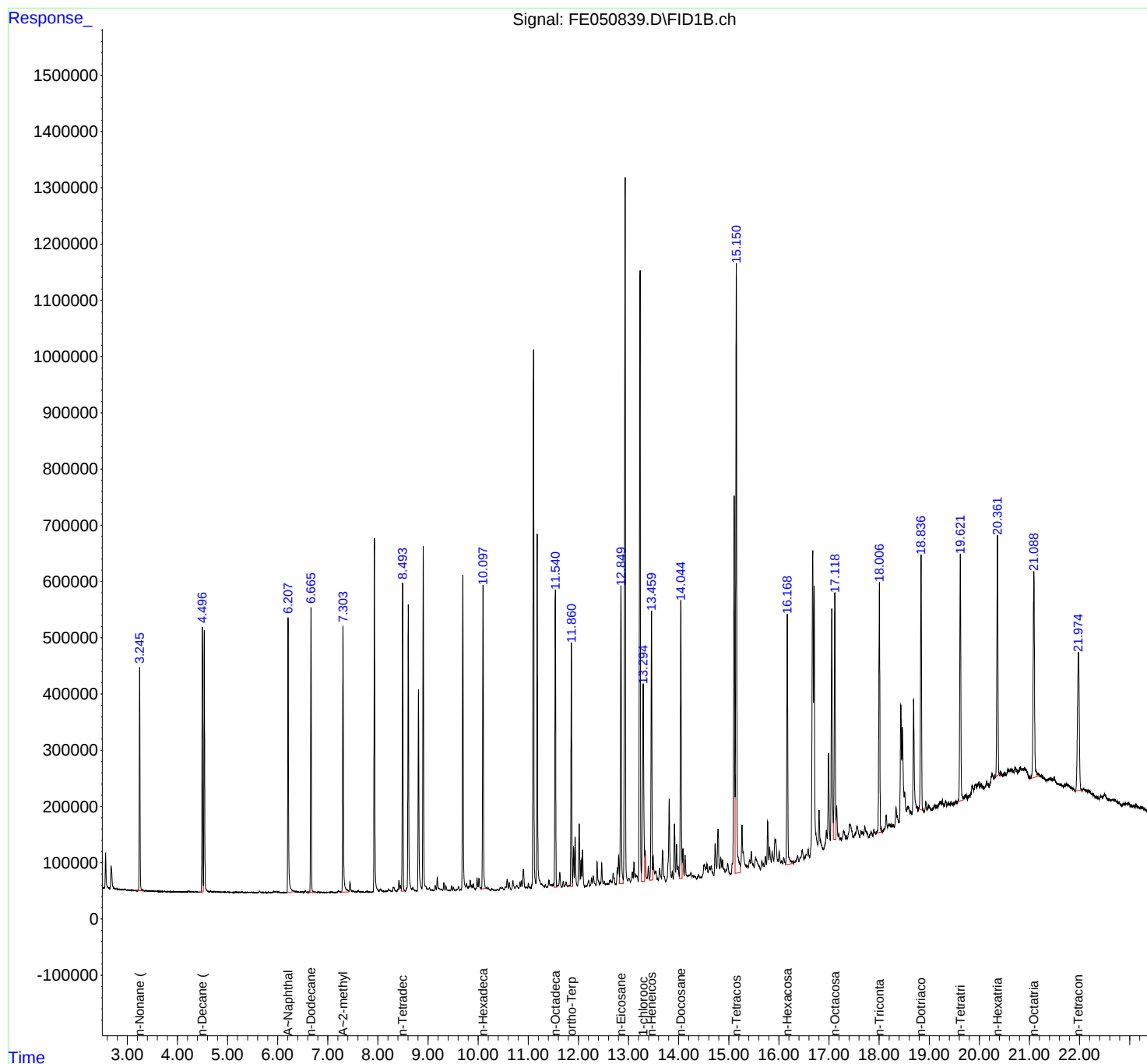
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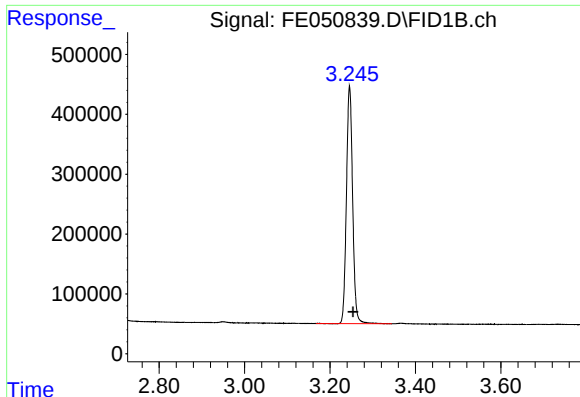
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#1 n-Nonane (C9)

R.T.: 3.246 min
Delta R.T.: -0.008 min
Response: 3998855
Conc: 28.30 ug/ml

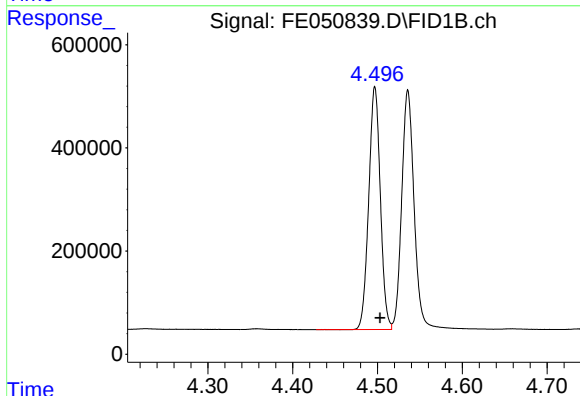
Instrument :

FID_E

ClientSampleId :
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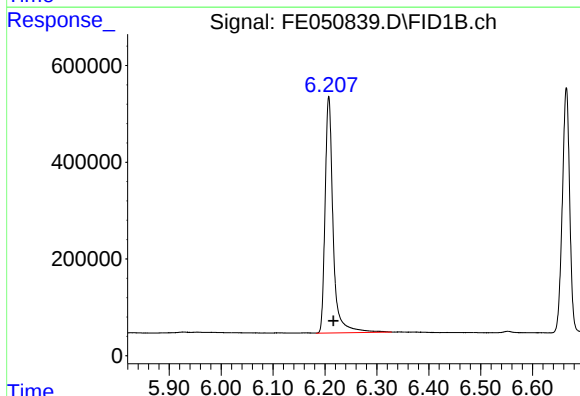
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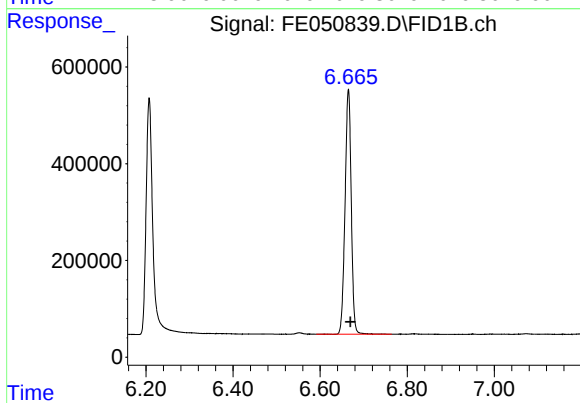
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 4472812
Conc: 31.17 ug/ml



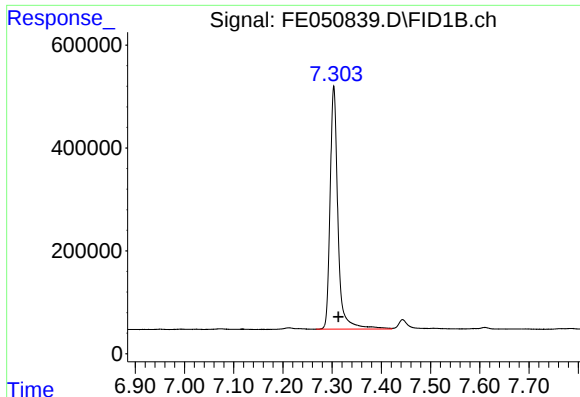
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.010 min
Response: 5267827
Conc: 36.84 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 4991410
Conc: 34.68 ug/ml



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

R.T.: 7.304 min
Delta R.T.: -0.009 min
Response: 5258835
Conc: 39.70 ug/ml

Instrument :

FID_E

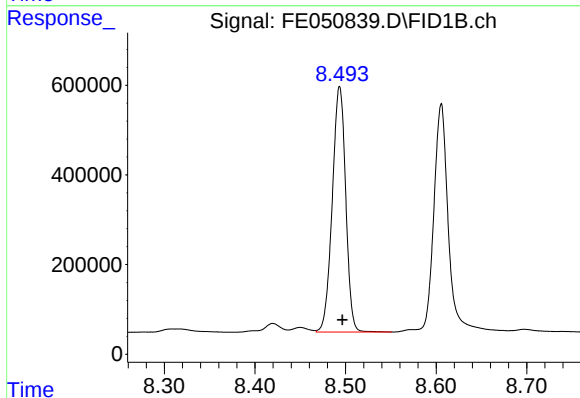
ClientSampleId :

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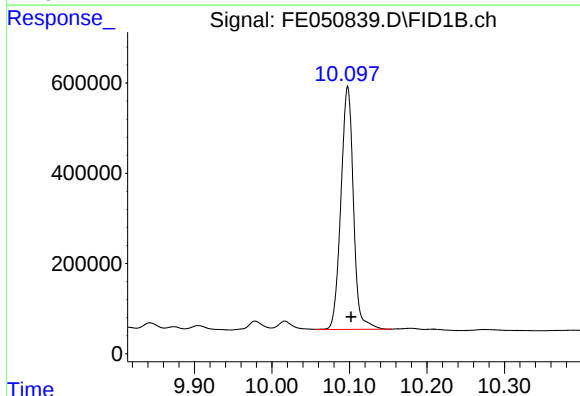
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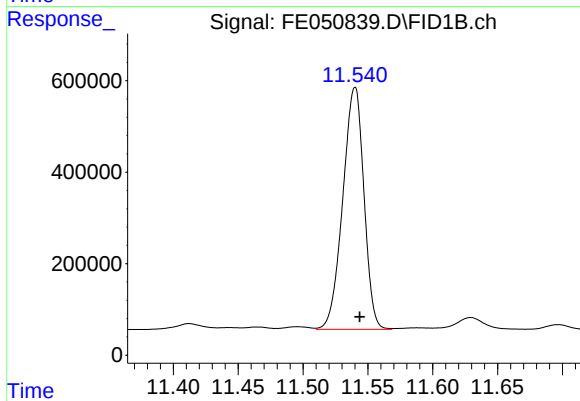
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 5647092
Conc: 39.47 ug/ml



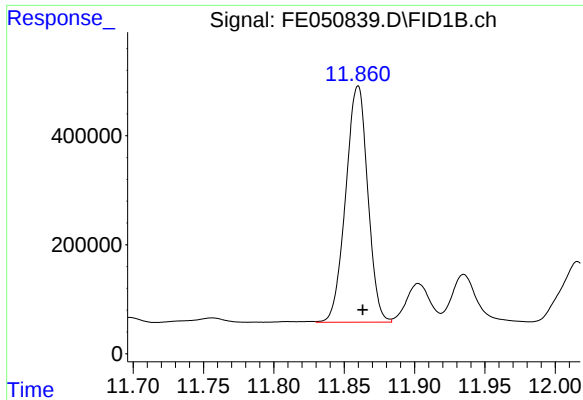
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.005 min
Response: 6046688
Conc: 41.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.004 min
Response: 6000012
Conc: 40.17 ug/ml m



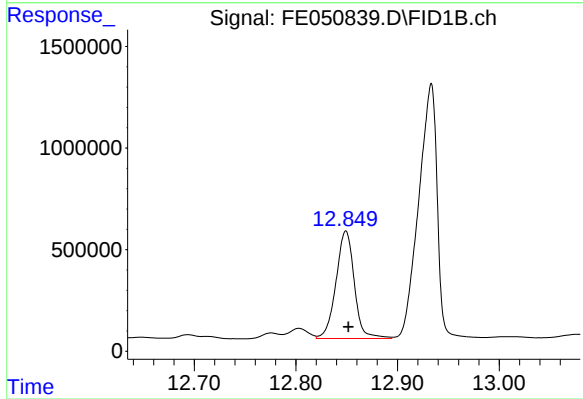
#9 ortho-Terphenyl (SURR)

R.T.: 11.860 min
Delta R.T.: -0.003 min
Response: 4732193
Conc: 30.02 ug/ml

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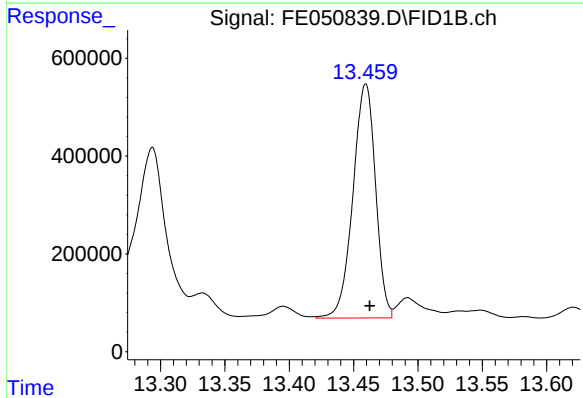
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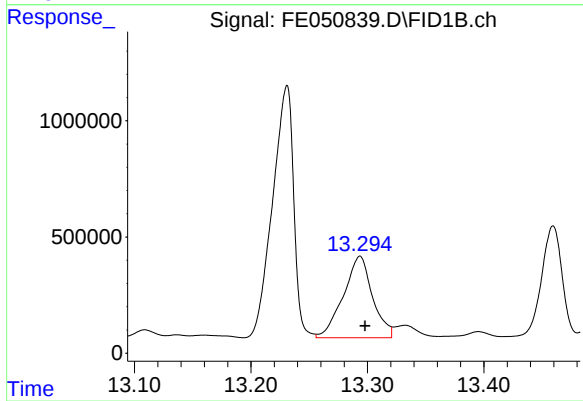
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.003 min
Response: 6619563
Conc: 46.16 ug/ml m



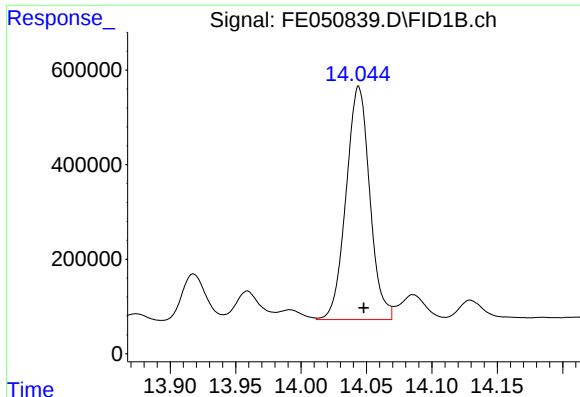
#11 n-Heneicosane (C21)

R.T.: 13.459 min
Delta R.T.: -0.003 min
Response: 5856252
Conc: 41.70 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.294 min
Delta R.T.: -0.004 min
Response: 6093226
Conc: 51.51 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.004 min
Response: 6226165
Conc: 44.38 ug/ml

Instrument :

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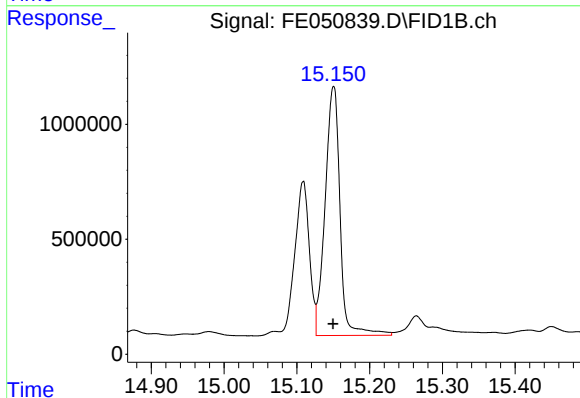
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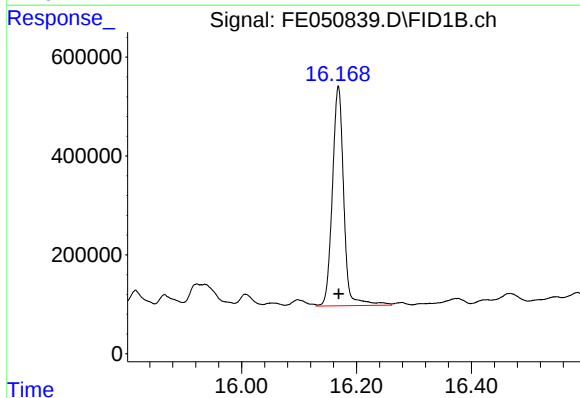
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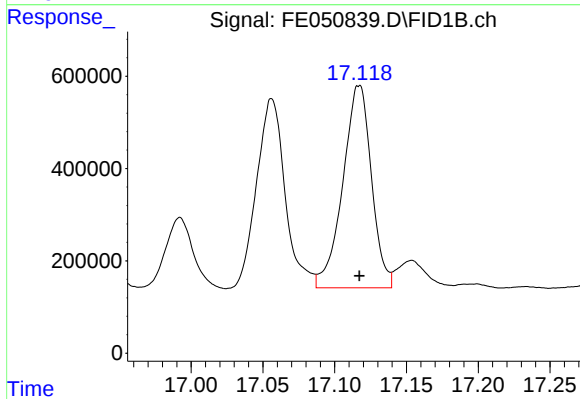
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 15454678
Conc: 109.39 ug/ml



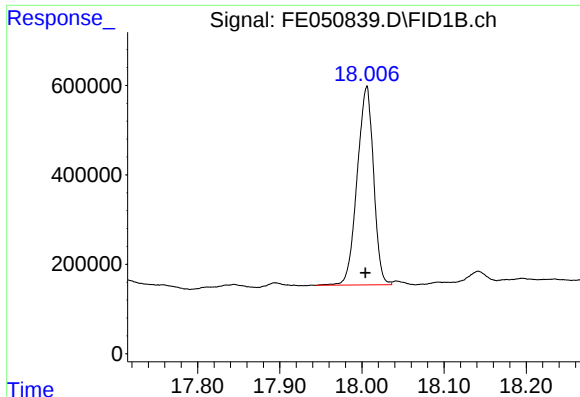
#15 n-Hexacosane (C26)

R.T.: 16.168 min
Delta R.T.: -0.001 min
Response: 6103853
Conc: 43.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.118 min
Delta R.T.: 0.000 min
Response: 6106661
Conc: 41.73 ug/ml m



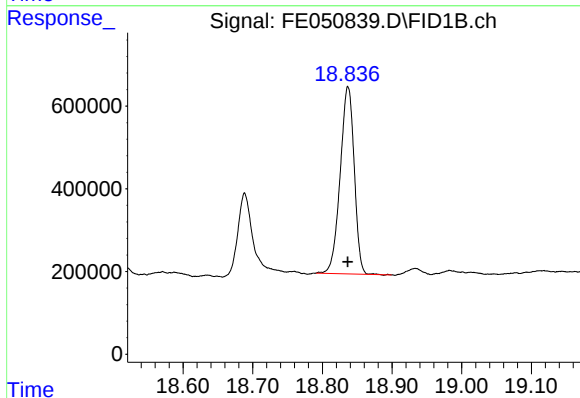
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.002 min
Response: 6148389
Conc: 38.67 ug/ml

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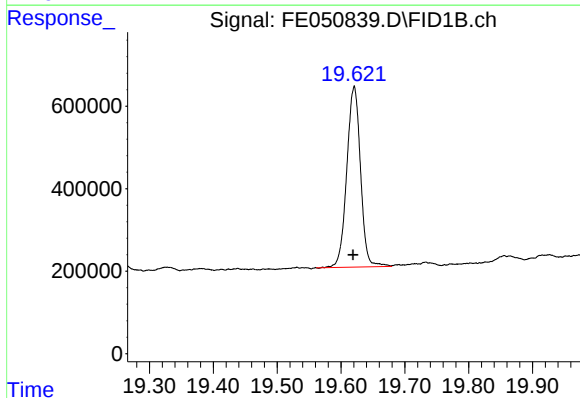
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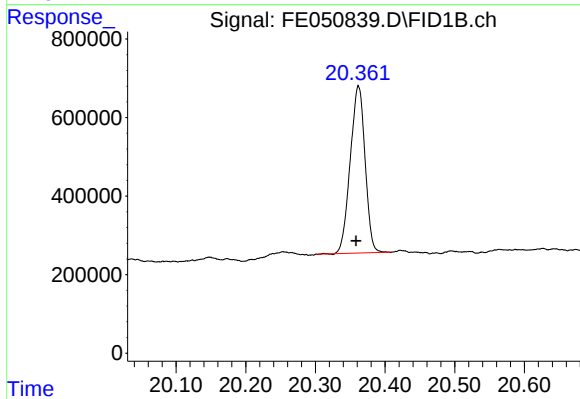
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: 0.000 min
Response: 6327417
Conc: 39.03 ug/ml



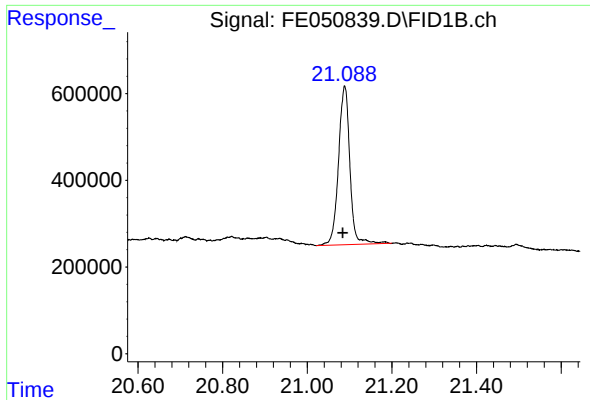
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: 0.002 min
Response: 6542373
Conc: 44.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: 0.003 min
Response: 6294102
Conc: 49.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.088 min
Delta R.T.: 0.004 min
Response: 6835828
Conc: 55.28 ug/ml

Instrument :

FID_E

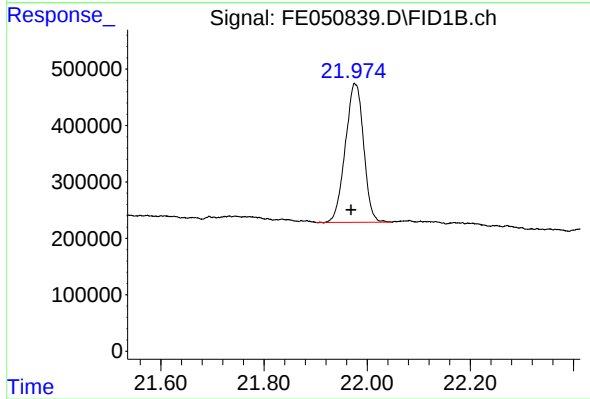
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#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: 0.008 min
Response: 6039408
Conc: 54.24 ug/ml