

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021425AL\
 Data File : FE052393.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2025 16:37
 Operator : YP\AJ
 Sample : Q1366-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-2132025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2025
 Supervised By :Ankita Jodhani 02/17/2025

Integration File: autoint1.e
 Quant Time: Feb 14 21:59:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.916	4686315	25.070 ug/ml
Spiked Amount 50.000		Recovery =	50.14%
12) S 1-chlorooctadecane (S...	13.361	3528098	25.383 ug/mlm
Spiked Amount 50.000		Recovery =	50.77%
Target Compounds			
1) T n-Nonane (C9)	3.257	4589264	29.897 ug/ml
2) T n-Decane (C10)	4.519	5099289	32.648 ug/ml
3) T A~Naphthalene (C11.7)	6.229	6135103	35.510 ug/ml
4) T n-Dodecane (C12)	6.699	5533475	35.057 ug/ml
5) T A~2-methylnaphthalene...	7.332	5790706	34.479 ug/ml
6) T n-Tetradecane (C14)	8.538	5860763	37.208 ug/ml
7) T n-Hexadecane (C16)	10.151	5871782	35.927 ug/mlm
8) T n-Octadecane (C18)	11.602	5830406	35.237 ug/ml
10) T n-Eicosane (C20)	12.918	5935370	37.231 ug/ml
11) T n-Heneicosane (C21)	13.532	5640163	36.000 ug/mlm
13) T n-Docosane (C22)	14.120	5567553	35.576 ug/ml
14) T n-Tetracosane (C24)	15.205	11299059	71.845 ug/mlm
15) T n-Hexacosane (C26)	16.254	5338676	34.468 ug/mlm
16) T n-Octacosane (C28)	17.206	5373941	35.133 ug/ml
17) T n-Tricontane (C30)	18.097	5830934	37.354 ug/ml
18) T n-Dotriacontane (C32)	18.932	5980751	39.085 ug/ml
19) T n-Tetratriacontane (C34)	19.718	5820082	40.911 ug/ml
20) T n-Hexatriacontane (C36)	20.459	5128697	41.149 ug/mlm
21) T n-Octatriacontane (C38)	21.203	4799192	43.908 ug/ml
22) T n-Tetracontane (C40)	22.129	5001432	49.721 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

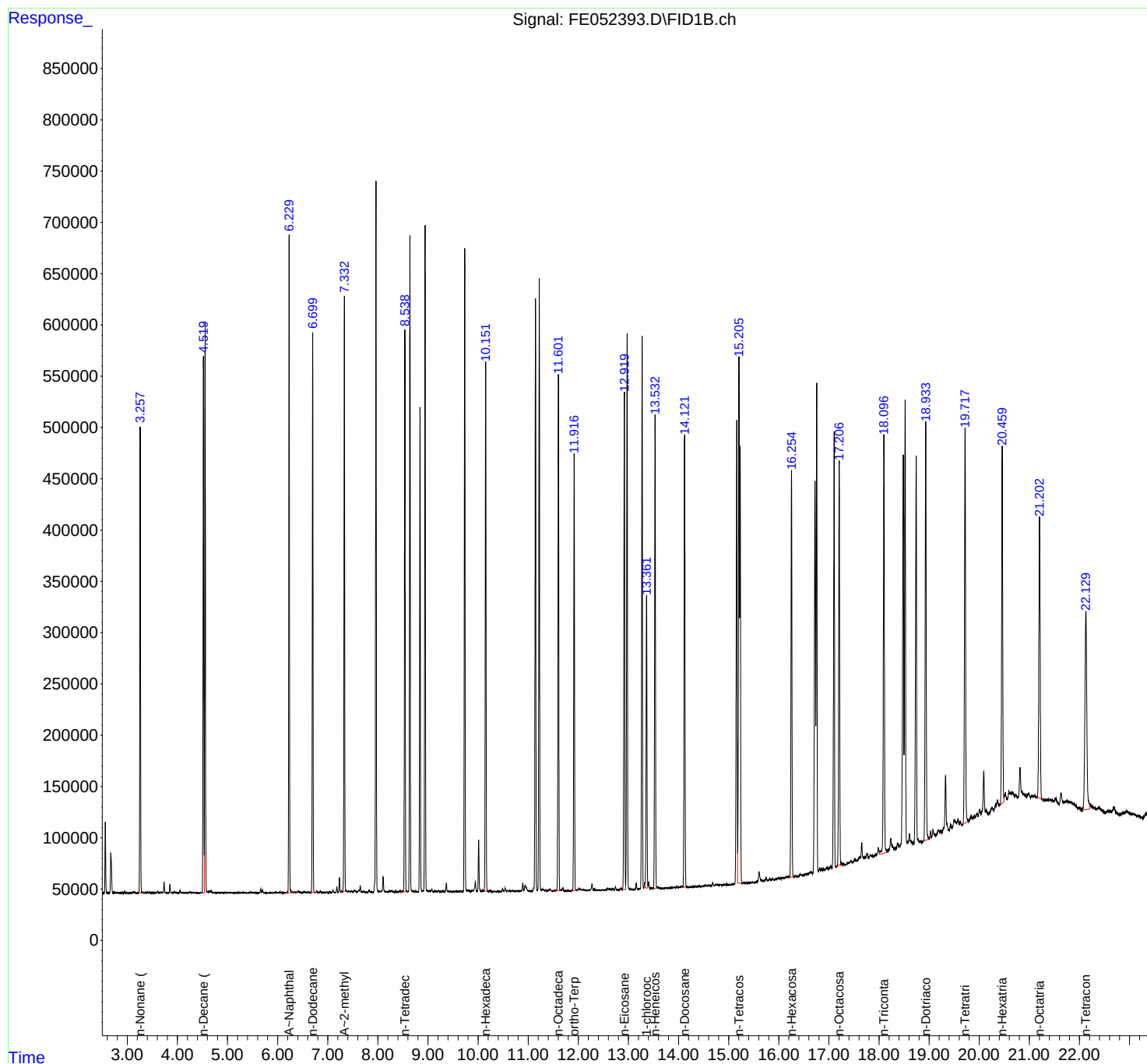
Instrument :
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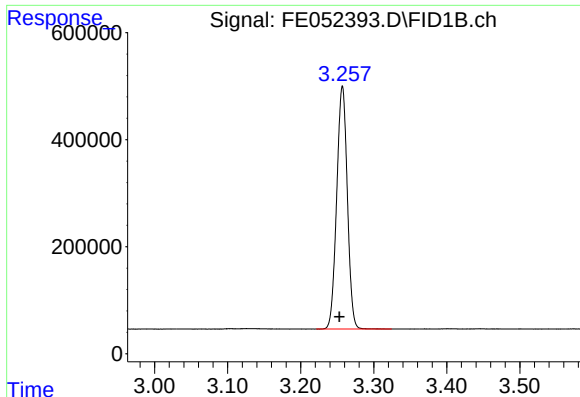
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#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: 0.004 min
Response: 4589264
Conc: 29.90 ug/ml

Instrument :

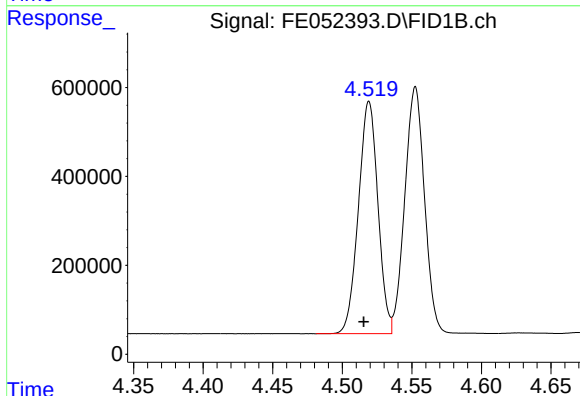
FID_E

ClientSampleId :

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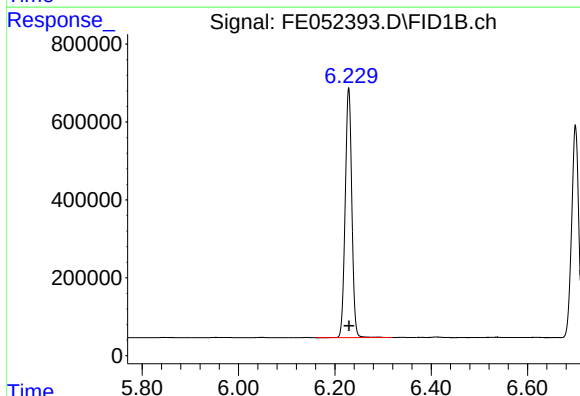
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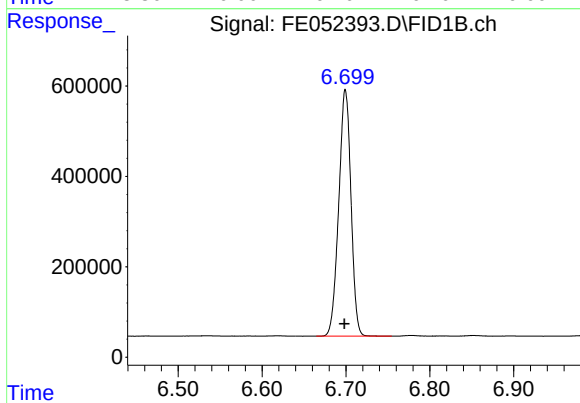
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 5099289
Conc: 32.65 ug/ml



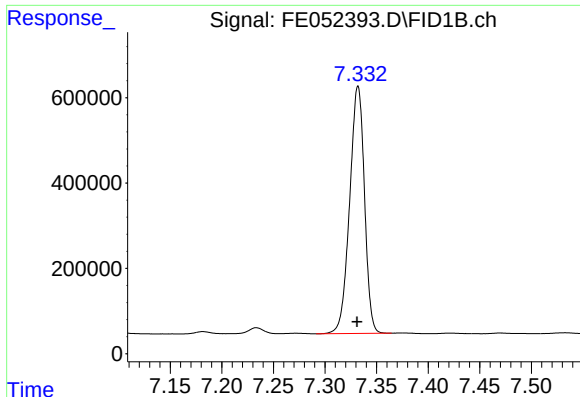
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 6135103
Conc: 35.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: 0.001 min
Response: 5533475
Conc: 35.06 ug/ml



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

R.T.: 7.332 min
Delta R.T.: 0.000 min
Response: 5790706
Conc: 34.48 ug/ml

Instrument :

FID_E

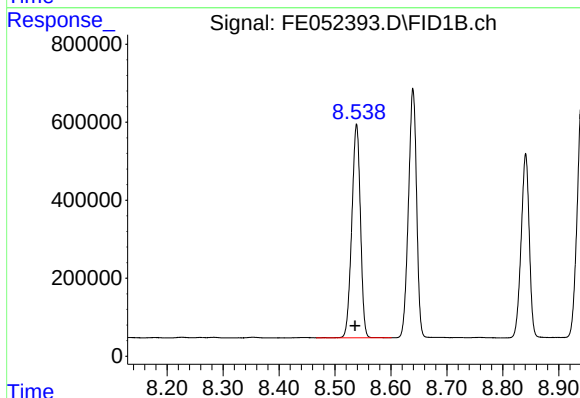
ClientSampleId :

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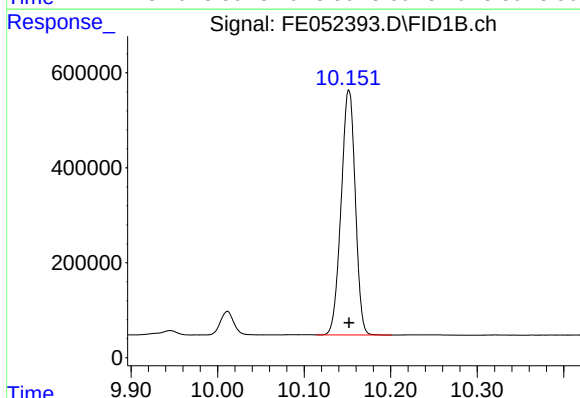
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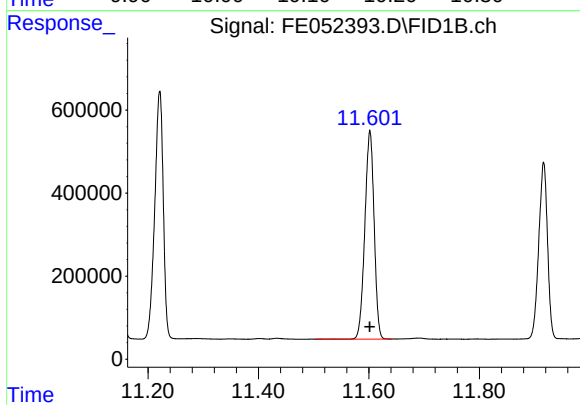
#6 n-Tetradecane (C14)

R.T.: 8.538 min
Delta R.T.: 0.002 min
Response: 5860763
Conc: 37.21 ug/ml



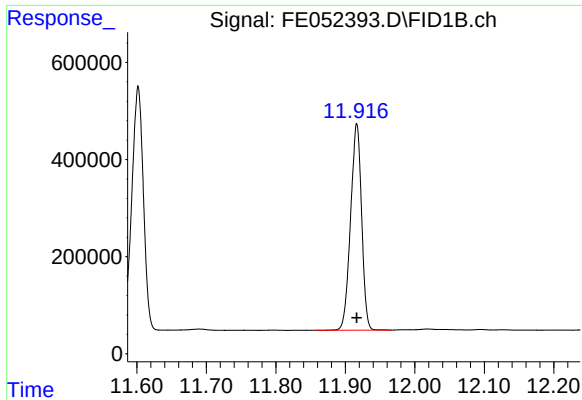
#7 n-Hexadecane (C16)

R.T.: 10.151 min
Delta R.T.: 0.000 min
Response: 5871782
Conc: 35.93 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: 0.000 min
Response: 5830406
Conc: 35.24 ug/ml



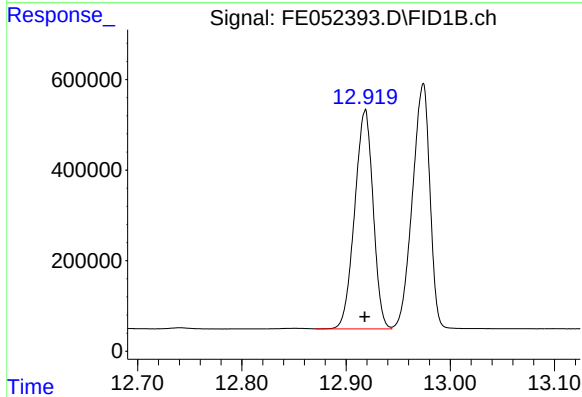
#9 ortho-Terphenyl (SURR)

R.T.: 11.916 min
Delta R.T.: 0.000 min
Response: 4686315
Conc: 25.07 ug/ml

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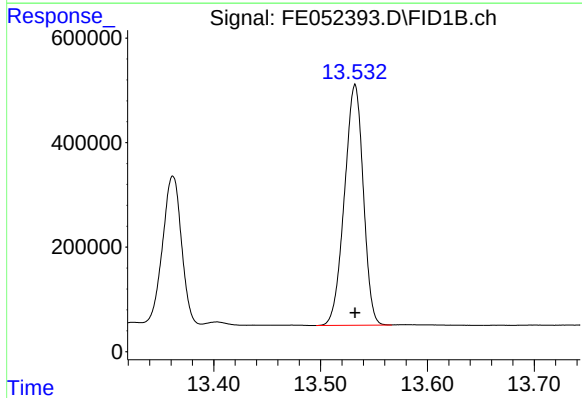
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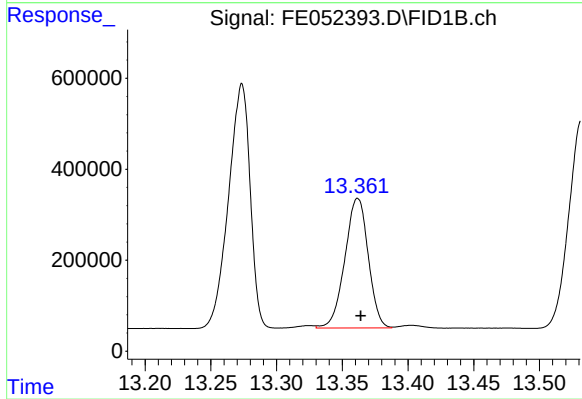
#10 n-Eicosane (C20)

R.T.: 12.918 min
Delta R.T.: 0.000 min
Response: 5935370
Conc: 37.23 ug/ml



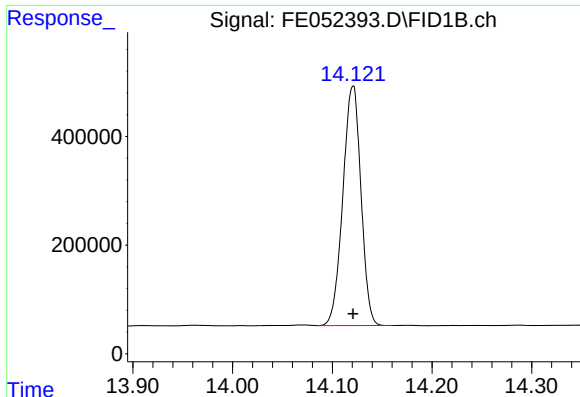
#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: 0.000 min
Response: 5640163
Conc: 36.00 ug/ml m



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 3528098
Conc: 25.38 ug/ml m



#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: 0.000 min
Response: 5567553
Conc: 35.58 ug/ml

Instrument :

FID_E

ClientSampleId :

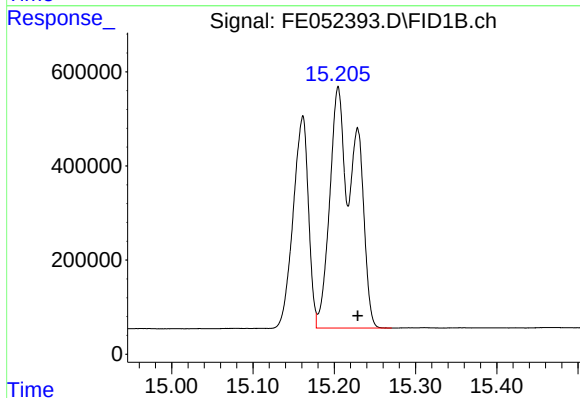
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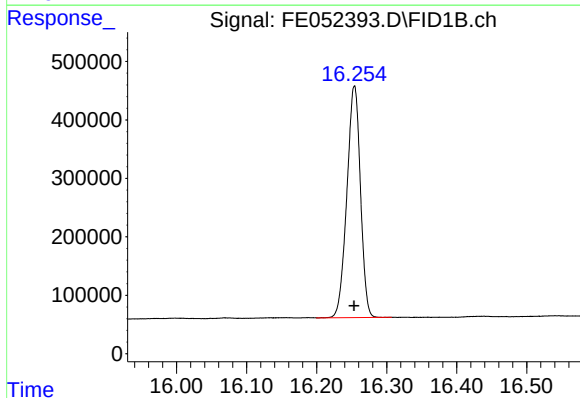
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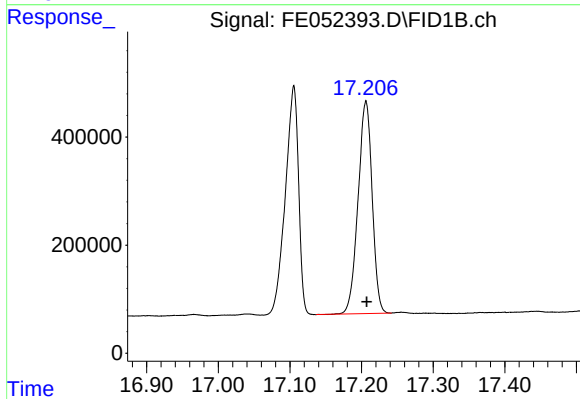
#14 n-Tetracosane (C24)

R.T.: 15.205 min
Delta R.T.: -0.025 min
Response: 11299059
Conc: 71.85 ug/ml m



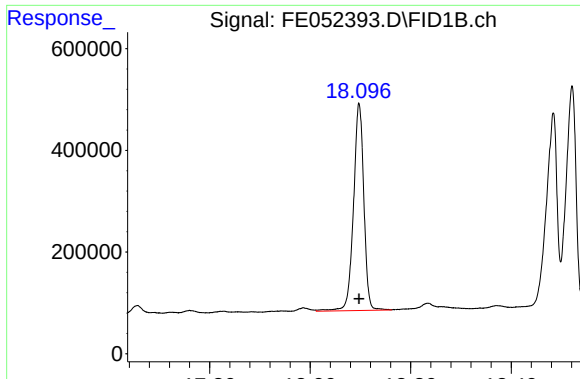
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 5338676
Conc: 34.47 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.002 min
Response: 5373941
Conc: 35.13 ug/ml



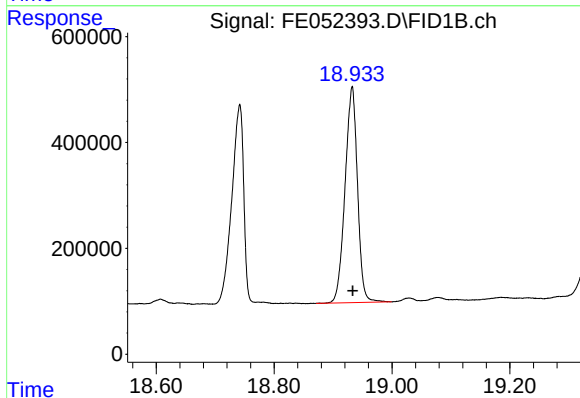
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 5830934
Conc: 37.35 ug/ml

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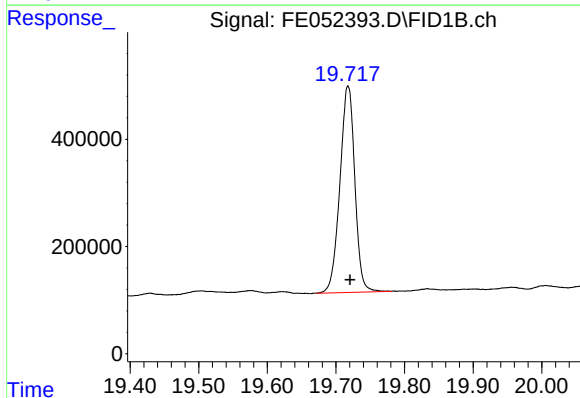
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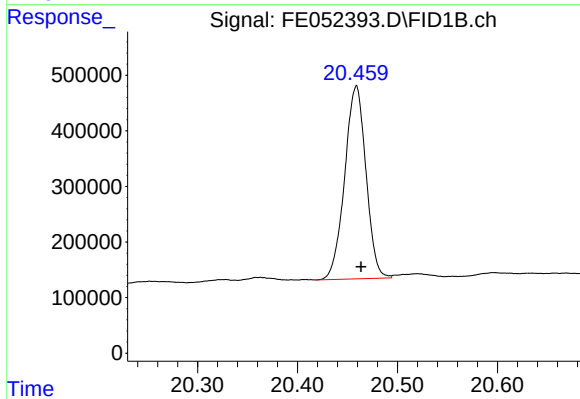
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 5980751
Conc: 39.08 ug/ml



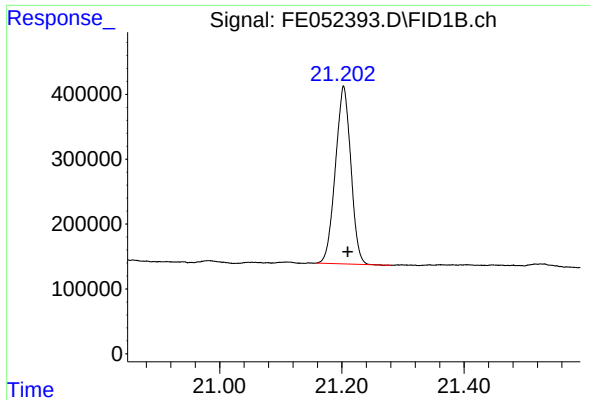
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.003 min
Response: 5820082
Conc: 40.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.005 min
Response: 5128697
Conc: 41.15 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.007 min
Response: 4799192
Conc: 43.91 ug/ml

Instrument :

FID_E

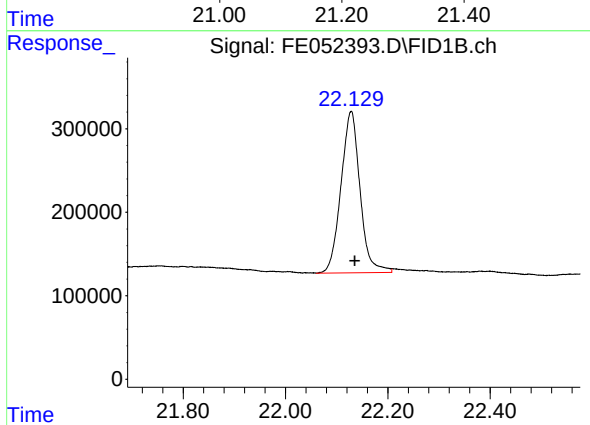
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.007 min
Response: 5001432
Conc: 49.72 ug/ml m