

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
 Data File : FE054910.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2025 19:24
 Operator : YP\AJ
 Sample : PB168898BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB168898BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/18/2025
 Supervised By :mohammad ahmed 07/21/2025

Integration File: autoint1.e
 Quant Time: Jul 18 01:10:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.090	5930495	36.519 ug/ml
Spiked Amount 50.000		Recovery =	73.04%
12) S 1-chlorooctadecane (S...	13.525	4663702	36.927 ug/ml
Spiked Amount 50.000		Recovery =	73.85%
Target Compounds			
1) T n-Nonane (C9)	3.433	4059181	30.178 ug/ml
2) T n-Decane (C10)	4.688	4386443	32.147 ug/ml
3) T A~Naphthalene (C11.7)	6.405	5431800	35.874 ug/ml
4) T n-Dodecane (C12)	6.861	4776621	34.813 ug/ml
5) T A~2-methylnaphthalene...	7.506	5154055	35.061 ug/ml
6) T n-Tetradecane (C14)	8.698	4975829	35.894 ug/ml
7) T n-Hexadecane (C16)	10.313	5062394	35.523 ug/ml
8) T n-Octadecane (C18)	11.762	5016986	34.233 ug/ml
10) T n-Eicosane (C20)	13.077	5107418	35.519 ug/ml
11) T n-Heneicosane (C21)	13.691	4873439	34.120 ug/ml
13) T n-Docosane (C22)	14.280	4801199	33.625 ug/ml
14) T n-Tetracosane (C24)	15.386	9921748	68.254 ug/ml
15) T n-Hexacosane (C26)	16.410	4654062	32.160 ug/ml
16) T n-Octacosane (C28)	17.360	4612456	31.649 ug/ml
17) T n-Tricontane (C30)	18.252	4713102	29.909 ug/ml
18) T n-Dotriacontane (C32)	19.085	4730908	29.242 ug/ml
19) T n-Tetratriacontane (C34)	19.868	5018000	32.928 ug/mlm
20) T n-Hexatriacontane (C36)	20.611	4858957	36.138 ug/ml
21) T n-Octatriacontane (C38)	21.393	5196983	44.311 ug/ml
22) T n-Tetracontane (C40)	22.384	5092781	46.988 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071725AL\
Data File : FE054910.D
Signal(s) : FID1B.ch
Acq On : 17 Jul 2025 19:24
Operator : YP\AJ
Sample : PB168898BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

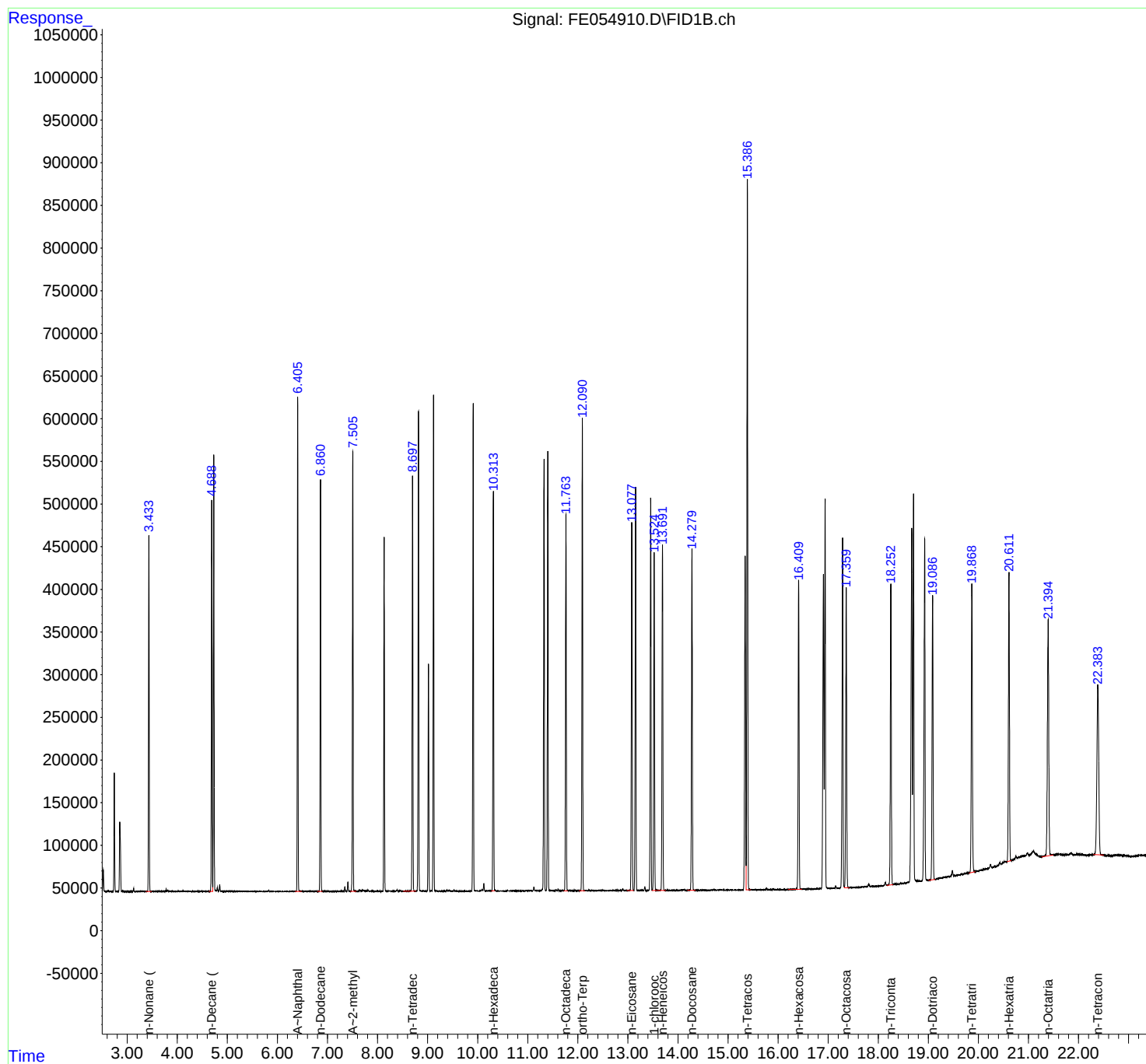
Instrument :
FID_E
ClientSampleId :
PB168898BSD

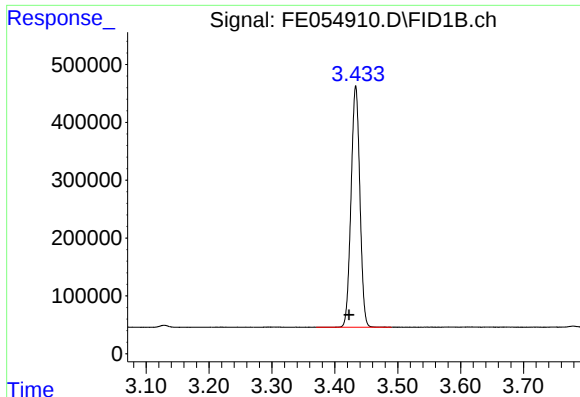
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.433 min
Delta R.T.: 0.010 min
Response: 4059181
Conc: 30.18 ug/ml

Instrument :

FID_E

ClientSampleId :

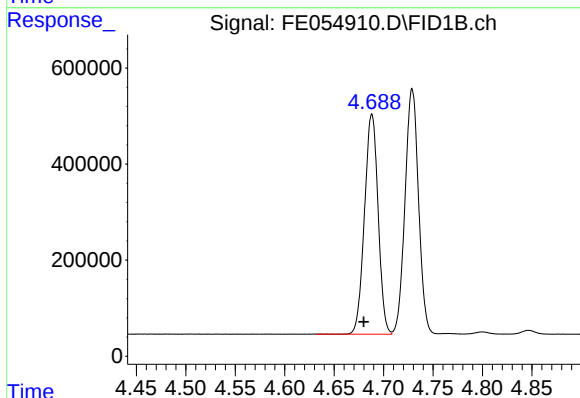
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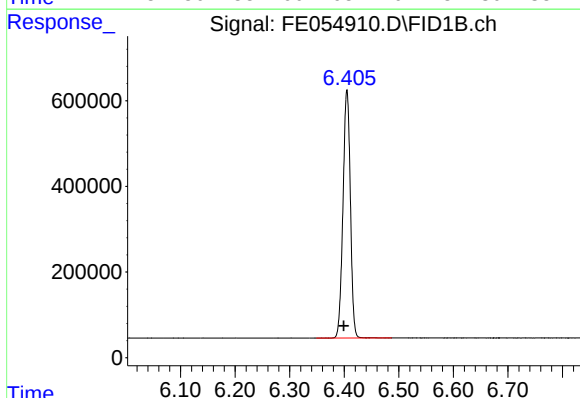
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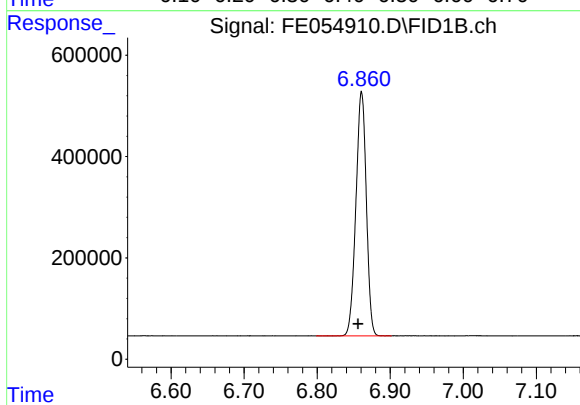
#2 n-Decane (C10)

R.T.: 4.688 min
Delta R.T.: 0.008 min
Response: 4386443
Conc: 32.15 ug/ml



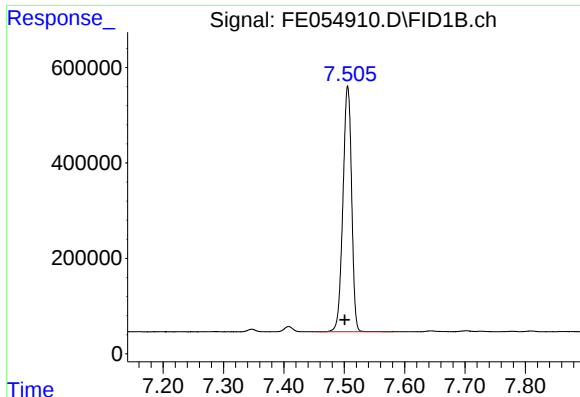
#3 A~Naphthalene (C11.7)

R.T.: 6.405 min
Delta R.T.: 0.006 min
Response: 5431800
Conc: 35.87 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.861 min
Delta R.T.: 0.005 min
Response: 4776621
Conc: 34.81 ug/ml



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

R.T.: 7.506 min
Delta R.T.: 0.005 min
Response: 5154055
Conc: 35.06 ug/ml

Instrument :

FID_E

ClientSampleId :

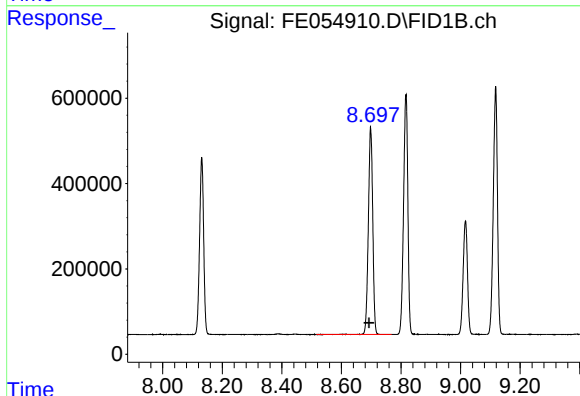
PB168898BSD

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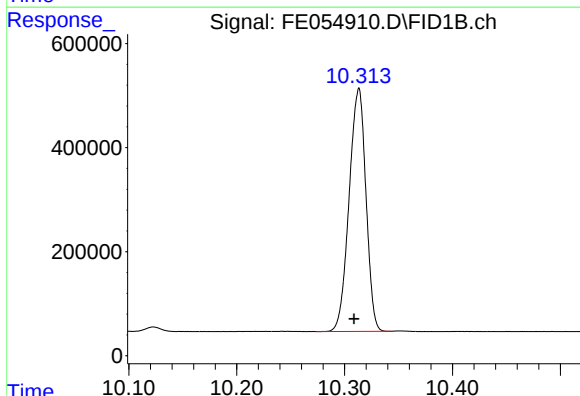
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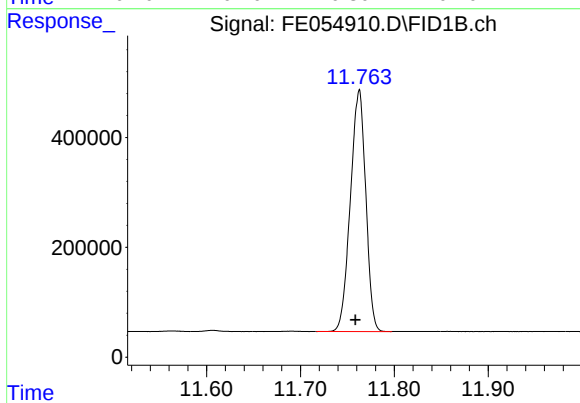
#6 n-Tetradecane (C14)

R.T.: 8.698 min
Delta R.T.: 0.005 min
Response: 4975829
Conc: 35.89 ug/ml



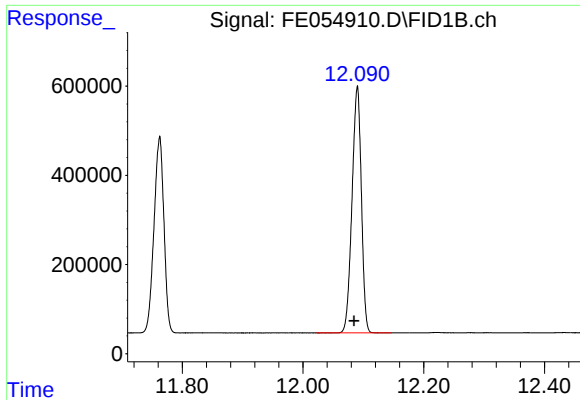
#7 n-Hexadecane (C16)

R.T.: 10.313 min
Delta R.T.: 0.004 min
Response: 5062394
Conc: 35.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.762 min
Delta R.T.: 0.004 min
Response: 5016986
Conc: 34.23 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.090 min
Delta R.T.: 0.005 min
Response: 5930495
Conc: 36.52 ug/ml

Instrument :

FID_E

ClientSampleId :

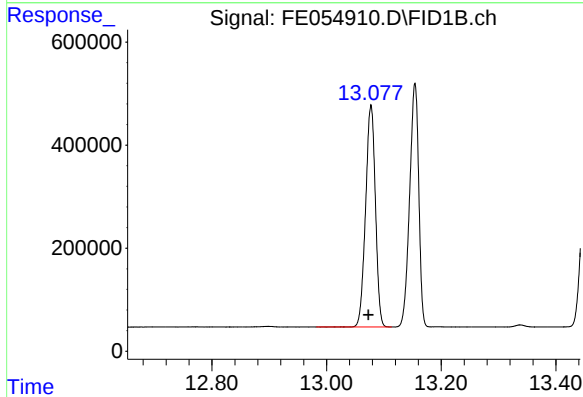
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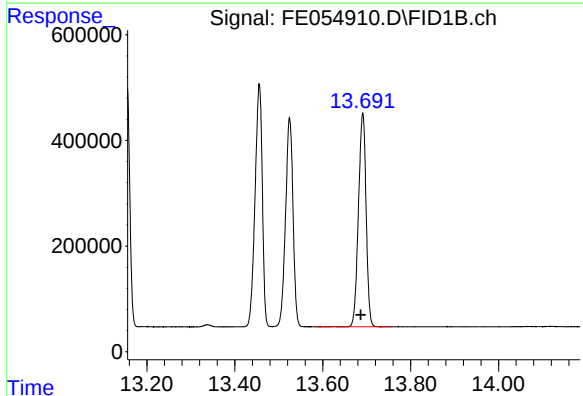
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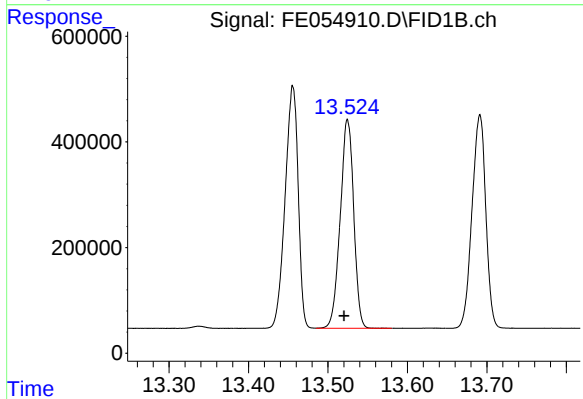
#10 n-Eicosane (C20)

R.T.: 13.077 min
Delta R.T.: 0.005 min
Response: 5107418
Conc: 35.52 ug/ml



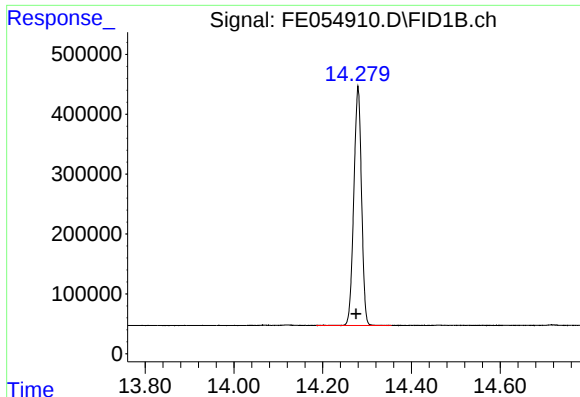
#11 n-Heneicosane (C21)

R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 4873439
Conc: 34.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.005 min
Response: 4663702
Conc: 36.93 ug/ml



#13 n-Docosane (C22)

R.T.: 14.280 min
Delta R.T.: 0.004 min
Response: 4801199
Conc: 33.62 ug/ml

Instrument :

FID_E

ClientSampleId :

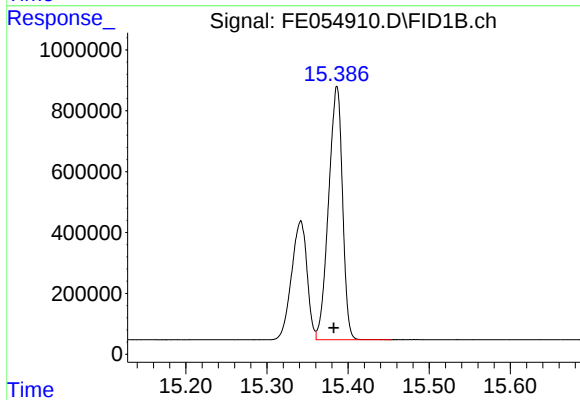
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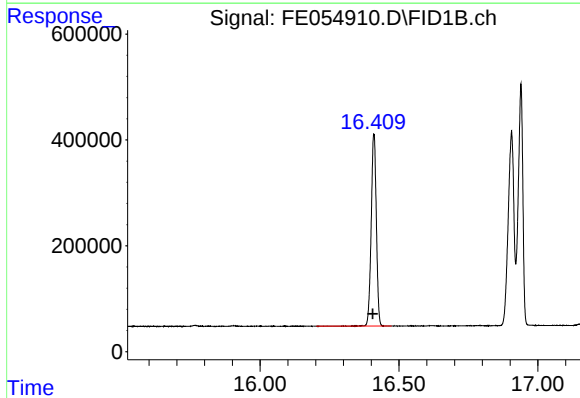
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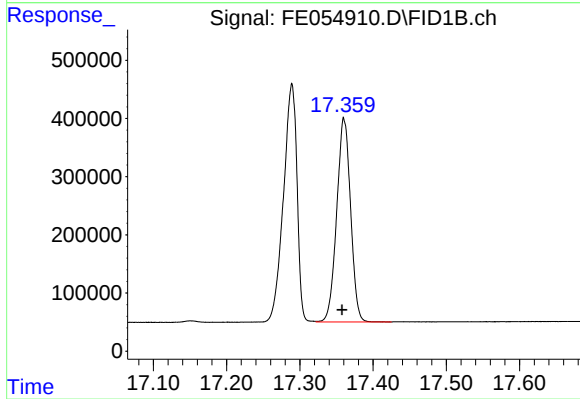
#14 n-Tetracosane (C24)

R.T.: 15.386 min
Delta R.T.: 0.004 min
Response: 9921748
Conc: 68.25 ug/ml



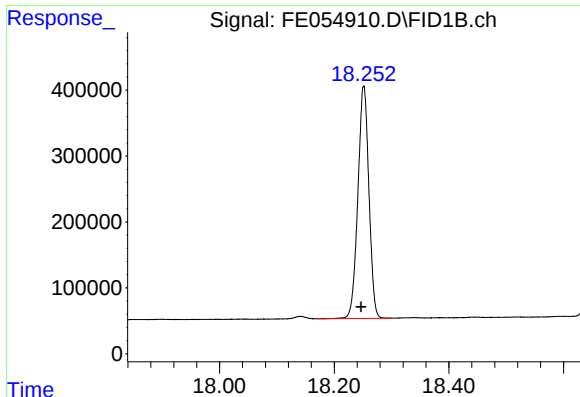
#15 n-Hexacosane (C26)

R.T.: 16.410 min
Delta R.T.: 0.004 min
Response: 4654062
Conc: 32.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 4612456
Conc: 31.65 ug/ml



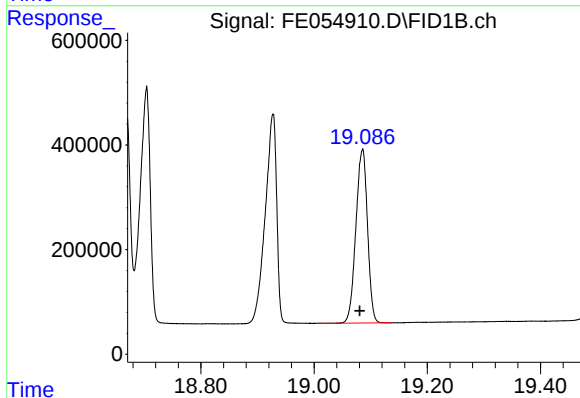
#17 n-Tricontane (C30)

R.T.: 18.252 min
Delta R.T.: 0.005 min
Response: 4713102
Conc: 29.91 ug/ml

Instrument :
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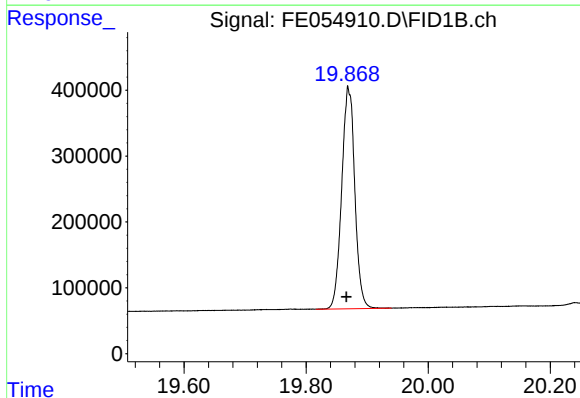
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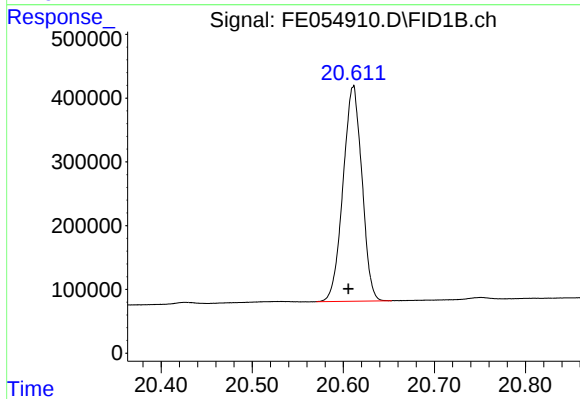
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.004 min
Response: 4730908
Conc: 29.24 ug/ml



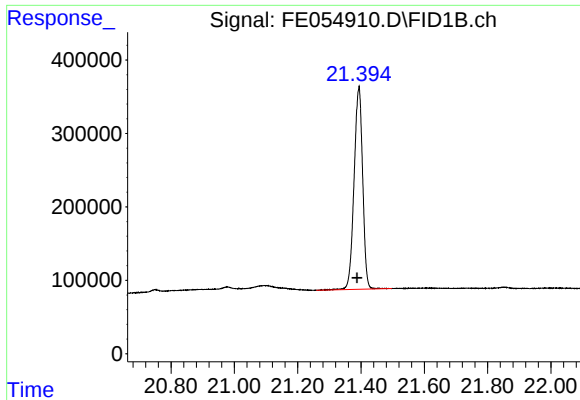
#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 5018000
Conc: 32.93 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: 0.005 min
Response: 4858957
Conc: 36.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.393 min
Delta R.T.: 0.006 min
Response: 5196983
Conc: 44.31 ug/ml

Instrument :

FID_E

ClientSampleId :

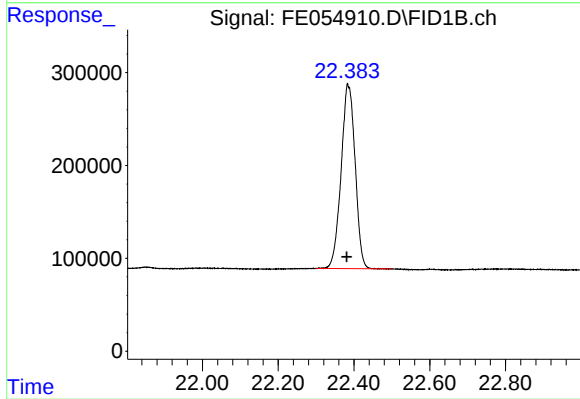
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#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.004 min
Response: 5092781
Conc: 46.99 ug/ml