

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012725AL\
 Data File : FE052093.D
 Signal(s) : FID1B.ch
 Acq On : 27 Jan 2025 13:48
 Operator : YP\AJ
 Sample : PB166257BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166257BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/28/2025
 Supervised By :Ankita Jodhani 01/28/2025

Integration File: autoint1.e
 Quant Time: Jan 28 02:01:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 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)	12.199	4843765	33.890 ug/ml
Spiked Amount 50.000		Recovery =	67.78%
12) S 1-chlorooctadecane (S...	13.613	4017283	35.020 ug/ml
Spiked Amount 50.000		Recovery =	70.04%
Target Compounds			
1) T n-Nonane (C9)	3.688	4344249	40.748 ug/ml
2) T n-Decane (C10)	4.911	4697259	42.906 ug/ml
3) T A~Naphthalene (C11.7)	6.602	5598486	46.072 ug/ml
4) T n-Dodecane (C12)	7.035	4968300	44.020 ug/ml
5) T A~2-methylnaphthalene...	7.681	5258303	44.045 ug/ml
6) T n-Tetradecane (C14)	8.842	5193915	44.656 ug/ml
7) T n-Hexadecane (C16)	10.433	5287455	41.924 ug/ml
8) T n-Octadecane (C18)	11.866	5357611	40.494 ug/ml
10) T n-Eicosane (C20)	13.168	5514087	42.062 ug/ml
11) T n-Heneicosane (C21)	13.776	5278838	40.556 ug/ml
13) T n-Docosane (C22)	14.359	5225562	39.818 ug/ml
14) T n-Tetracosane (C24)	15.464	10383230	78.169 ug/ml
15) T n-Hexacosane (C26)	16.475	4984598	37.709 ug/ml
16) T n-Octacosane (C28)	17.419	4873476	36.925 ug/mlm
17) T n-Tricontane (C30)	18.306	4863189	35.669 ug/ml
18) T n-Dotriacontane (C32)	19.135	4745229	36.208 ug/ml
19) T n-Tetratriacontane (C34)	19.917	4675662	41.531 ug/ml
20) T n-Hexatriacontane (C36)	20.654	4356920	45.871 ug/ml
21) T n-Octatriacontane (C38)	21.439	4224913	48.909 ug/mlm
22) T n-Tetracontane (C40)	22.440	4220857	51.217 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166257BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

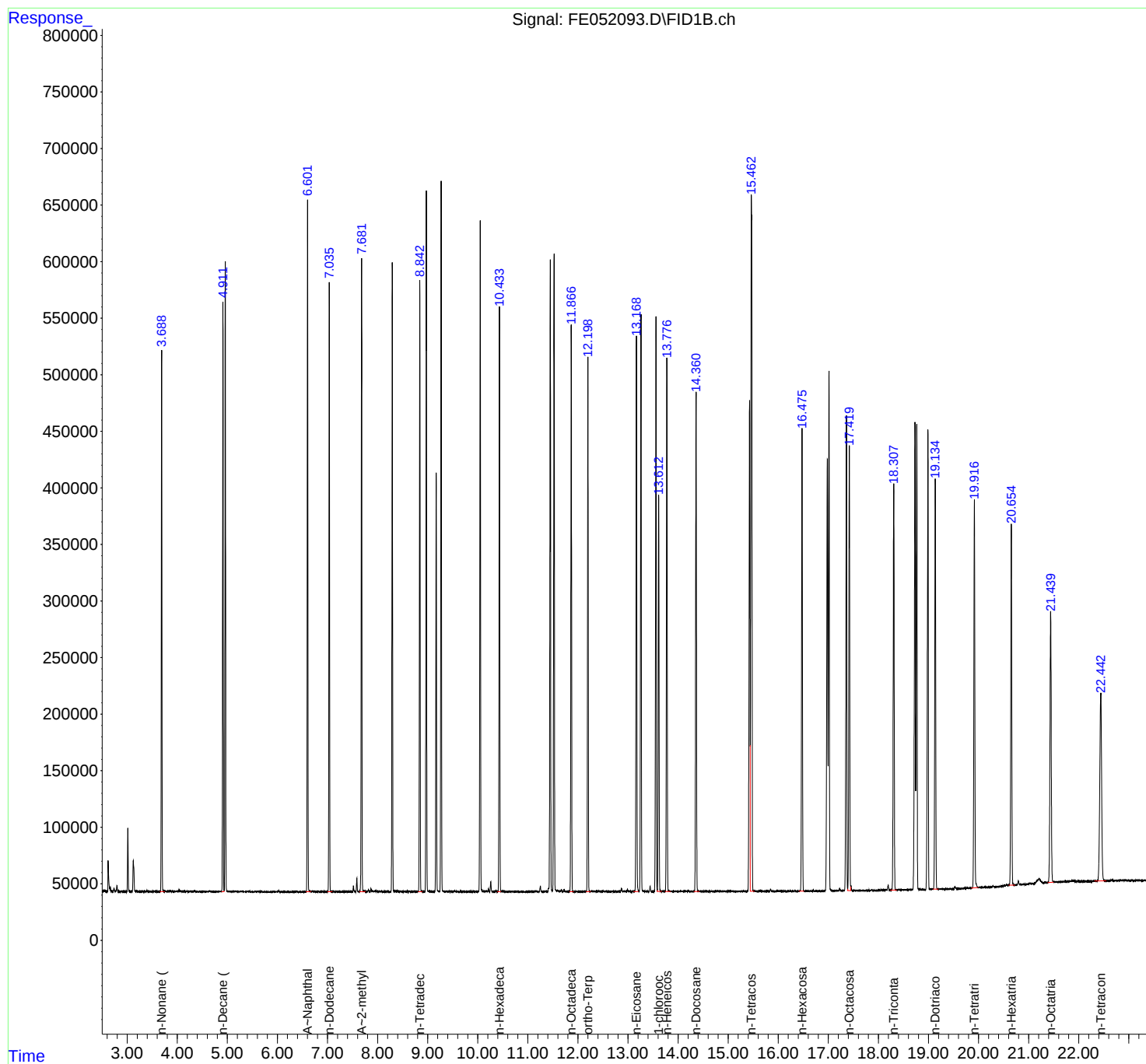
Instrument :
FID_E
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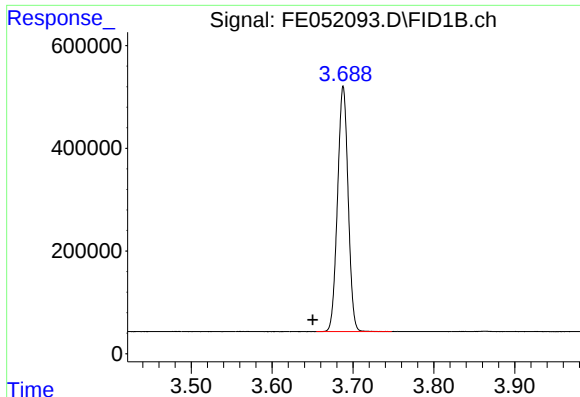
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#1 n-Nonane (C9)

R.T.: 3.688 min
Delta R.T.: 0.038 min
Response: 4344249
Conc: 40.75 ug/ml

Instrument :

FID_E

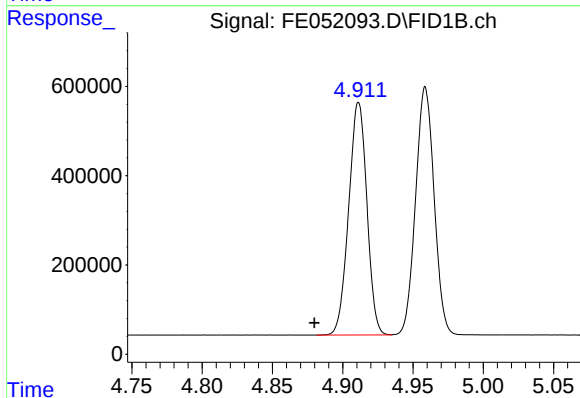
ClientSampleId :

PB166257BSD

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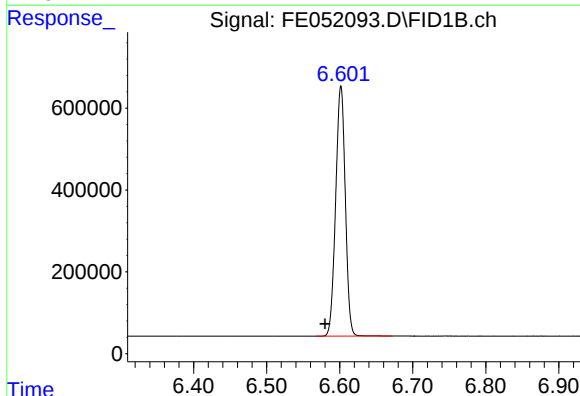
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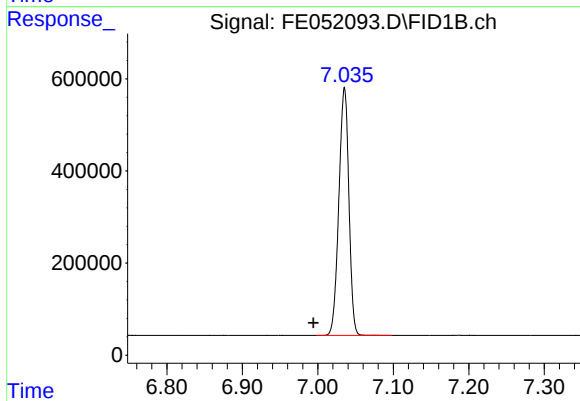
#2 n-Decane (C10)

R.T.: 4.911 min
Delta R.T.: 0.031 min
Response: 4697259
Conc: 42.91 ug/ml



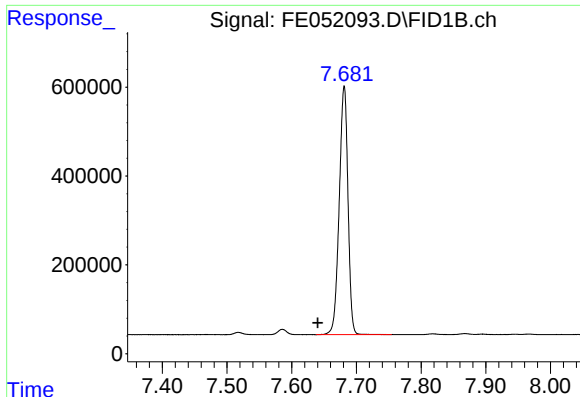
#3 A~Naphthalene (C11.7)

R.T.: 6.602 min
Delta R.T.: 0.022 min
Response: 5598486
Conc: 46.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.035 min
Delta R.T.: 0.041 min
Response: 4968300
Conc: 44.02 ug/ml



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

R.T.: 7.681 min
Delta R.T.: 0.040 min
Response: 5258303
Conc: 44.05 ug/ml

Instrument :

FID_E

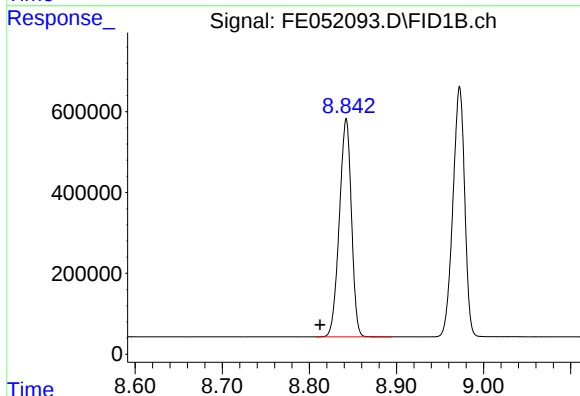
ClientSampleId :

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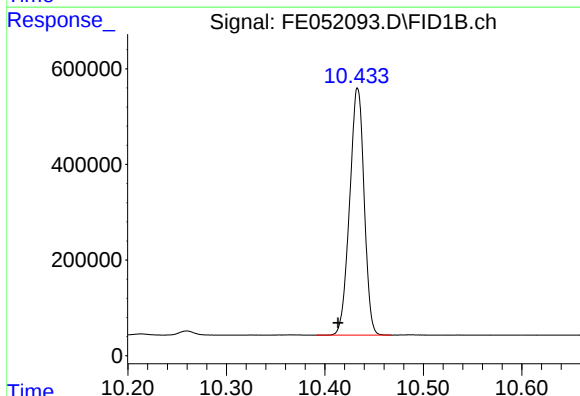
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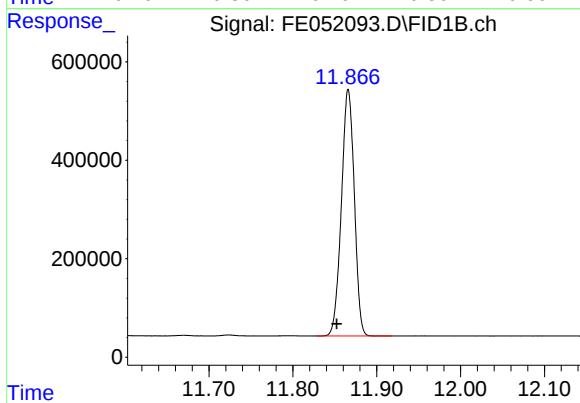
#6 n-Tetradecane (C14)

R.T.: 8.842 min
Delta R.T.: 0.030 min
Response: 5193915
Conc: 44.66 ug/ml



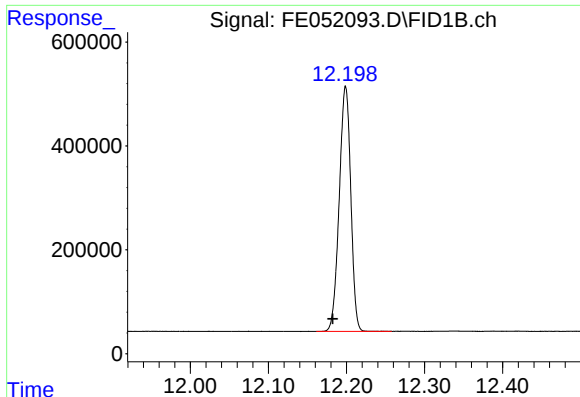
#7 n-Hexadecane (C16)

R.T.: 10.433 min
Delta R.T.: 0.020 min
Response: 5287455
Conc: 41.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.866 min
Delta R.T.: 0.014 min
Response: 5357611
Conc: 40.49 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.199 min
Delta R.T.: 0.016 min
Response: 4843765
Conc: 33.89 ug/ml

Instrument :

FID_E

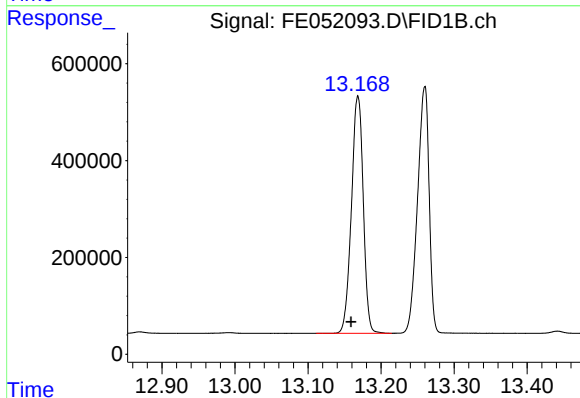
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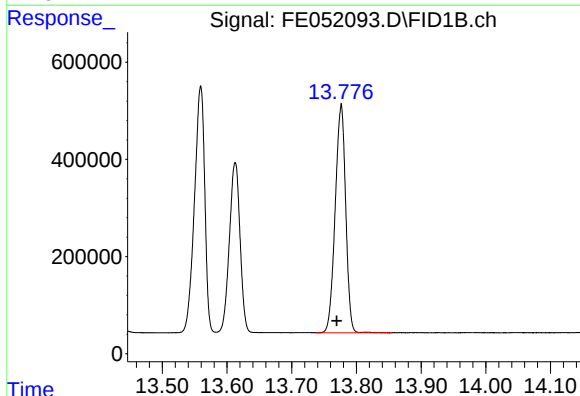
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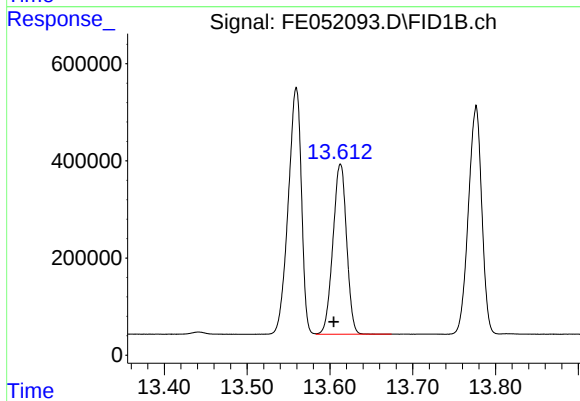
#10 n-Eicosane (C20)

R.T.: 13.168 min
Delta R.T.: 0.009 min
Response: 5514087
Conc: 42.06 ug/ml



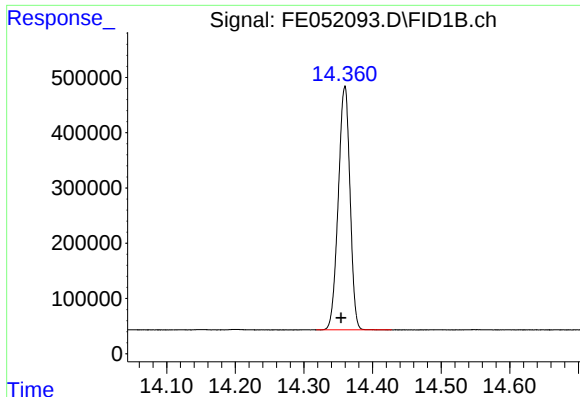
#11 n-Heneicosane (C21)

R.T.: 13.776 min
Delta R.T.: 0.007 min
Response: 5278838
Conc: 40.56 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.613 min
Delta R.T.: 0.008 min
Response: 4017283
Conc: 35.02 ug/ml



#13 n-Docosane (C22)

R.T.: 14.359 min
Delta R.T.: 0.005 min
Response: 5225562
Conc: 39.82 ug/ml

Instrument :

FID_E

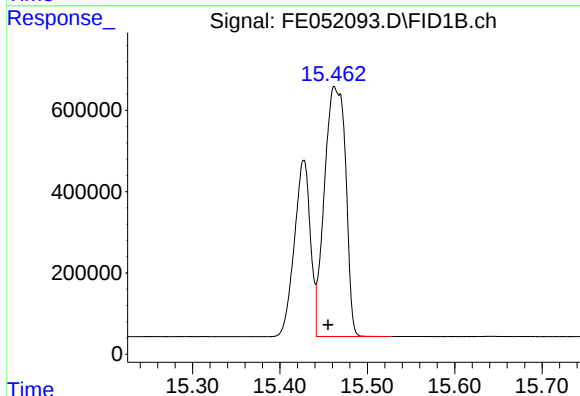
ClientSampleId :

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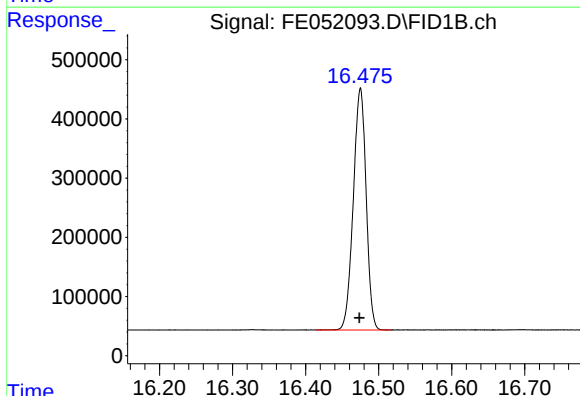
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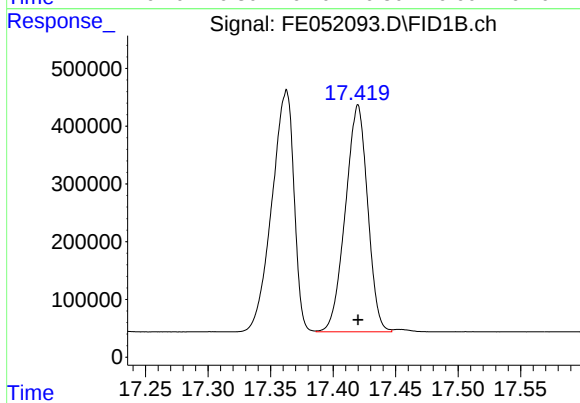
#14 n-Tetracosane (C24)

R.T.: 15.464 min
Delta R.T.: 0.009 min
Response: 10383230
Conc: 78.17 ug/ml



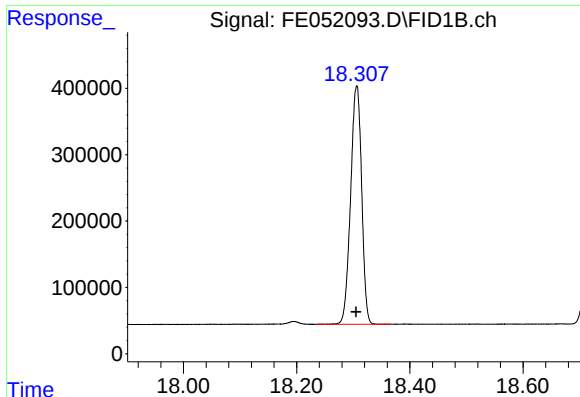
#15 n-Hexacosane (C26)

R.T.: 16.475 min
Delta R.T.: 0.001 min
Response: 4984598
Conc: 37.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.419 min
Delta R.T.: 0.000 min
Response: 4873476
Conc: 36.92 ug/ml m



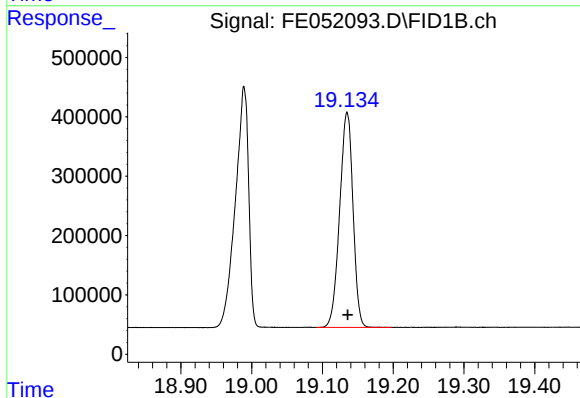
#17 n-Tricontane (C30)

R.T.: 18.306 min
Delta R.T.: 0.001 min
Response: 4863189
Conc: 35.67 ug/ml

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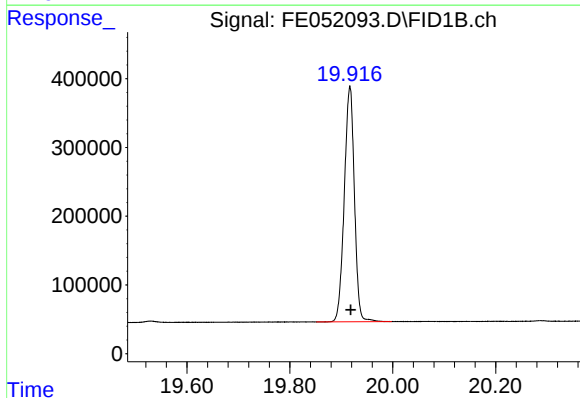
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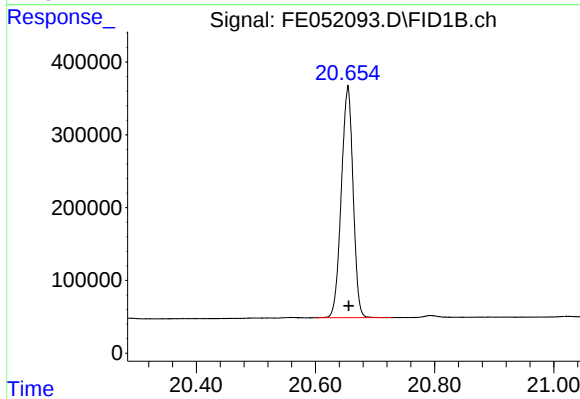
#18 n-Dotriacontane (C32)

R.T.: 19.135 min
Delta R.T.: -0.001 min
Response: 4745229
Conc: 36.21 ug/ml



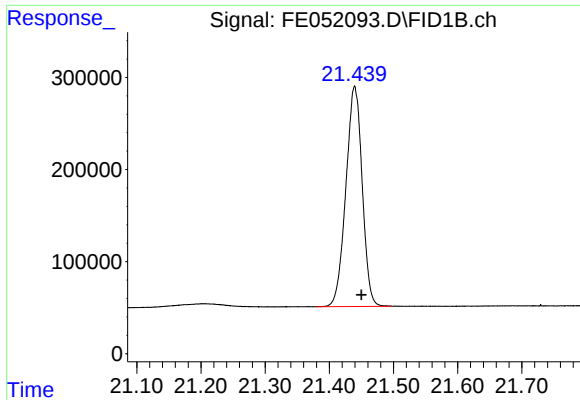
#19 n-Tetratriacontane (C34)

R.T.: 19.917 min
Delta R.T.: -0.002 min
Response: 4675662
Conc: 41.53 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.654 min
Delta R.T.: -0.002 min
Response: 4356920
Conc: 45.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.439 min
Delta R.T.: -0.011 min
Response: 4224913
Conc: 48.91 ug/ml

Instrument :

FID_E

ClientSampleId :

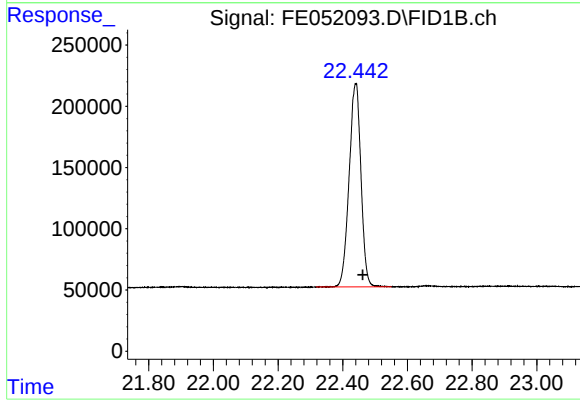
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#22 n-Tetracontane (C40)

R.T.: 22.440 min
Delta R.T.: -0.022 min
Response: 4220857
Conc: 51.22 ug/ml