

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057194.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 15:35
 Operator : YP\AJ
 Sample : PB170837BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170837BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/08/2025
 Supervised By :Yogesh Patel 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 05 22:19:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.932	7117817	32.436 ug/ml
Spiked Amount 50.000		Recovery =	64.87%
12) S 1-chlorooctadecane (S...	13.369	4914068	29.527 ug/ml
Spiked Amount 50.000		Recovery =	59.05%
Target Compounds			
1) T n-Nonane (C9)	3.300	5028563	25.707 ug/ml
2) T n-Decane (C10)	4.549	5181966	25.620 ug/ml
3) T A~Naphthalene (C11.7)	6.263	6675313	33.156 ug/ml
4) T n-Dodecane (C12)	6.718	5621341	27.543 ug/ml
5) T A~2-methylnaphthalene...	7.362	6026815	31.365 ug/ml
6) T n-Tetradecane (C14)	8.551	5720394	28.420 ug/ml
7) T n-Hexadecane (C16)	10.162	5608304	27.348 ug/ml
8) T n-Octadecane (C18)	11.609	5585594	27.100 ug/ml
10) T n-Eicosane (C20)	12.923	5544522	28.186 ug/ml
11) T n-Heneicosane (C21)	13.535	5432282	28.275 ug/ml
13) T n-Docosane (C22)	14.122	5354913	27.740 ug/ml
14) T n-Tetracosane (C24)	15.231	12455477	62.888 ug/ml
15) T n-Hexacosane (C26)	16.252	5255185	26.489 ug/ml
16) T n-Octacosane (C28)	17.204	6810776	33.142 ug/mlm
17) T n-Tricontane (C30)	18.095	5073803	22.608 ug/ml
18) T n-Dotriacontane (C32)	18.927	4583194	19.634 ug/mlm
19) T n-Tetratriacontane (C34)	19.712	3611656	16.910 ug/ml
20) T n-Hexatriacontane (C36)	20.453	2614198	14.045 ug/ml
21) T n-Octatriacontane (C38)	21.197	2098869	12.111 ug/ml
22) T n-Tetracontane (C40)	22.126	1834086	10.884 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170837BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

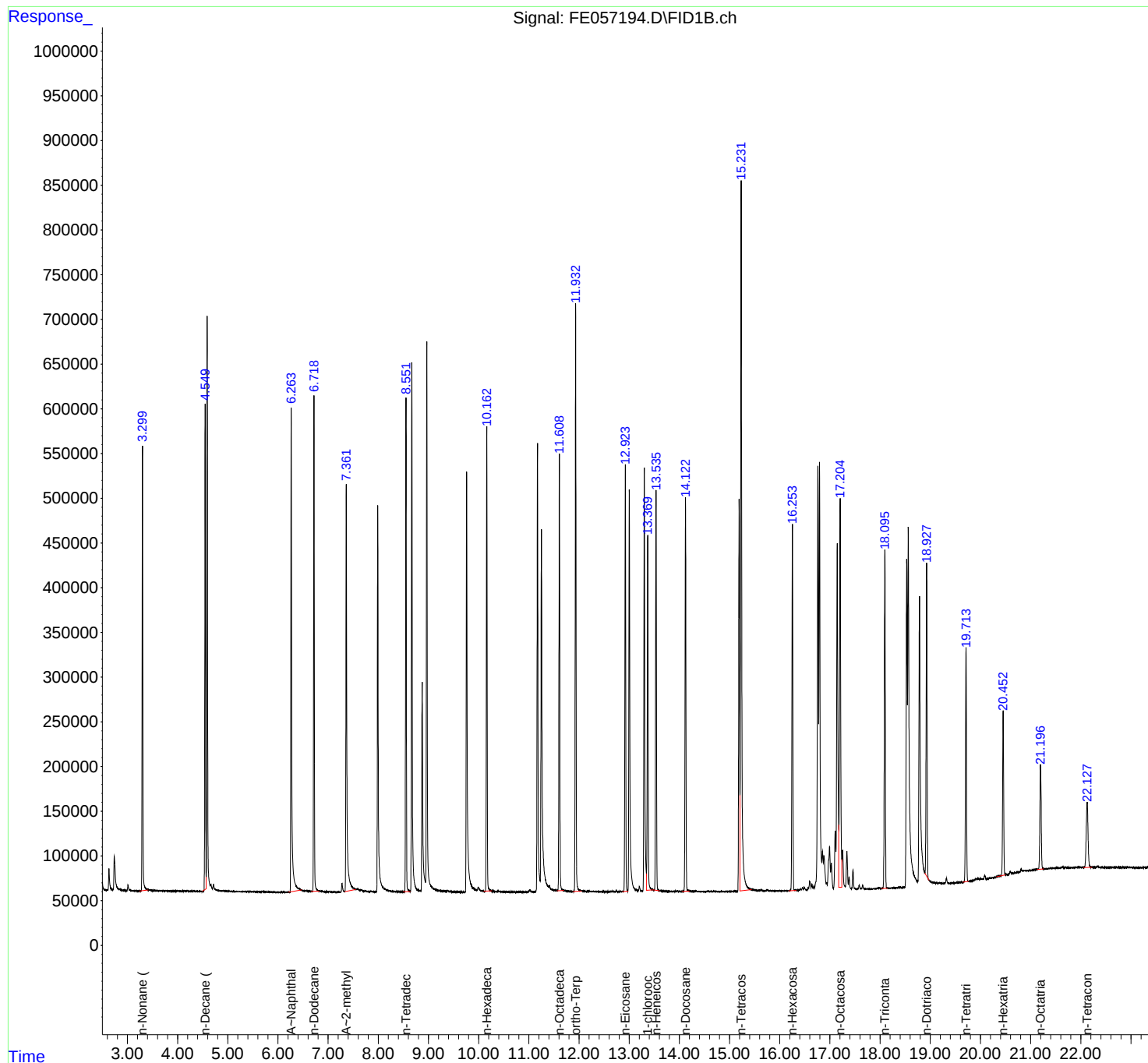
Instrument :
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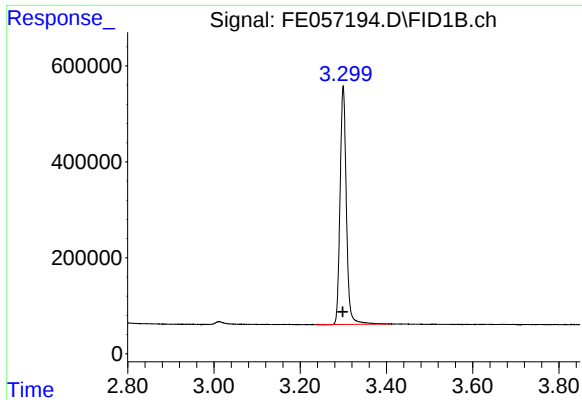
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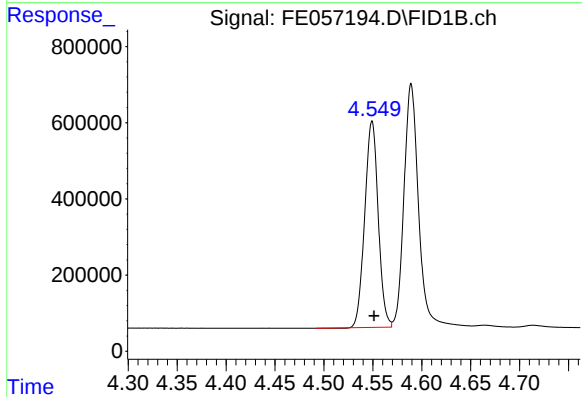
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: 0.000 min
Response: 5028563
Conc: 25.71 ug/ml

Instrument :
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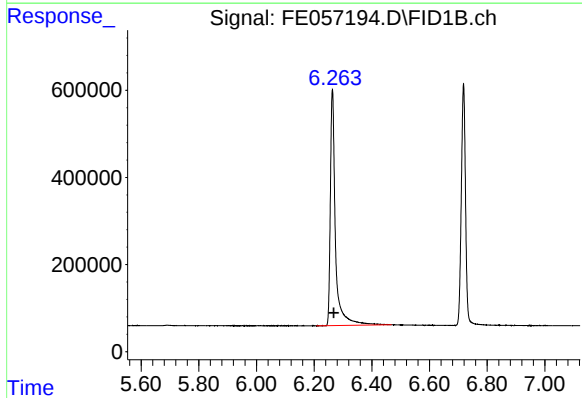
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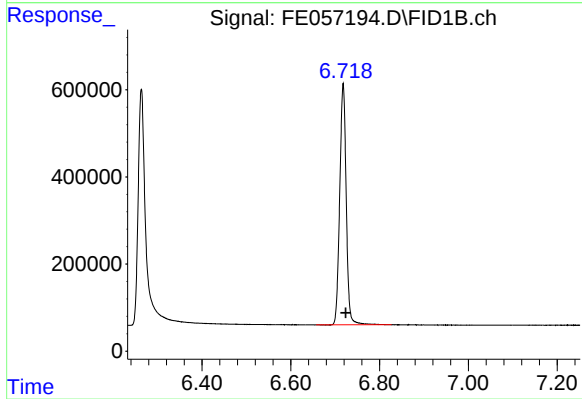
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.002 min
Response: 5181966
Conc: 25.62 ug/ml



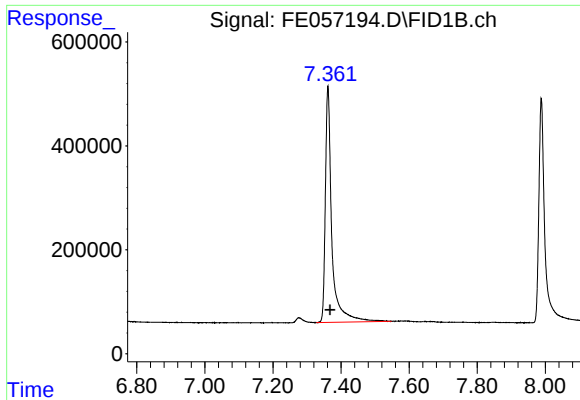
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 6675313
Conc: 33.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 5621341
Conc: 27.54 ug/ml



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

R.T.: 7.362 min
Delta R.T.: -0.006 min
Response: 6026815
Conc: 31.36 ug/ml

Instrument :

FID_E

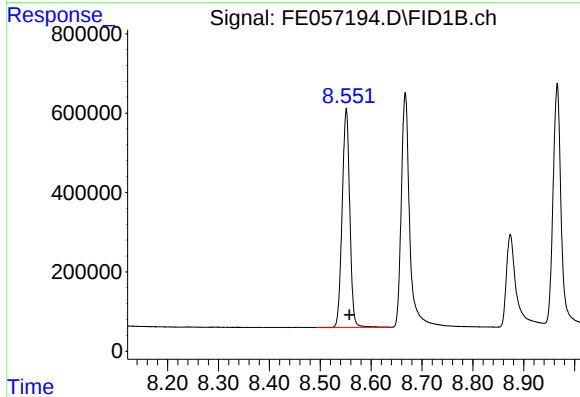
ClientSampleId :

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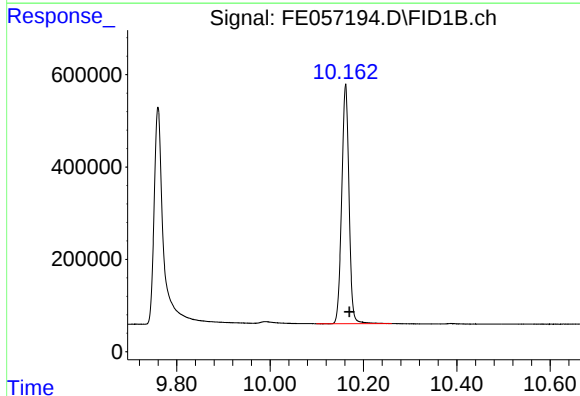
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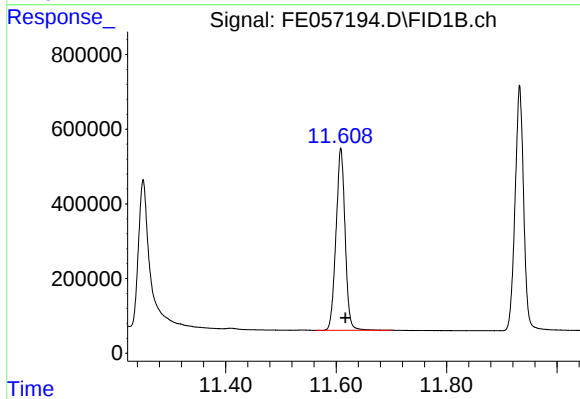
#6 n-Tetradecane (C14)

R.T.: 8.551 min
Delta R.T.: -0.007 min
Response: 5720394
Conc: 28.42 ug/ml



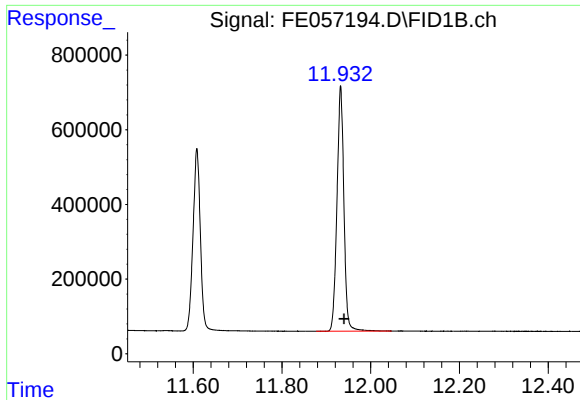
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 5608304
Conc: 27.35 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 5585594
Conc: 27.10 ug/ml



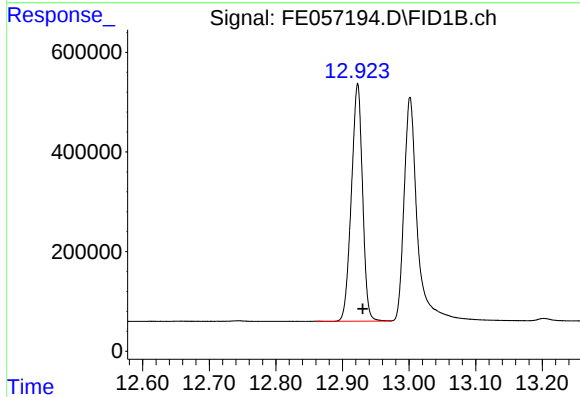
#9 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.008 min
Response: 7117817
Conc: 32.44 ug/ml

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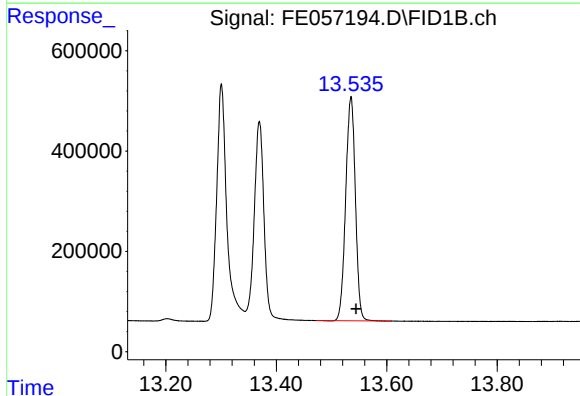
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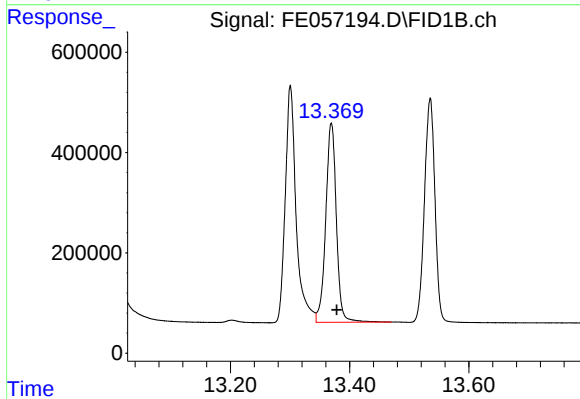
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.008 min
Response: 5544522
Conc: 28.19 ug/ml



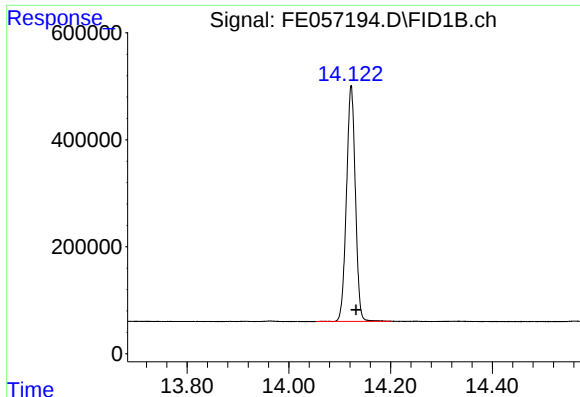
#11 n-Heneicosane (C21)

R.T.: 13.535 min
Delta R.T.: -0.009 min
Response: 5432282
Conc: 28.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.369 min
Delta R.T.: -0.009 min
Response: 4914068
Conc: 29.53 ug/ml



#13 n-Docosane (C22)

R.T.: 14.122 min
Delta R.T.: -0.010 min
Response: 5354913
Conc: 27.74 ug/ml

Instrument :

FID_E

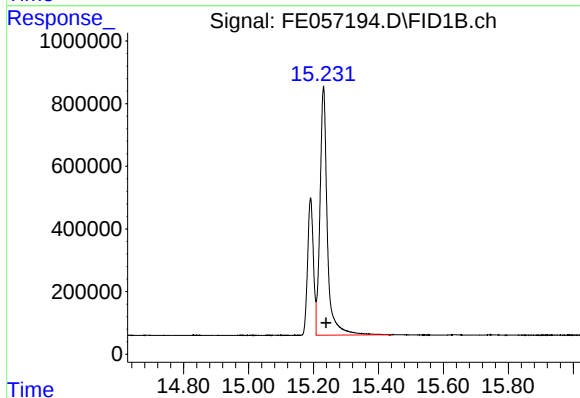
ClientSampleId :

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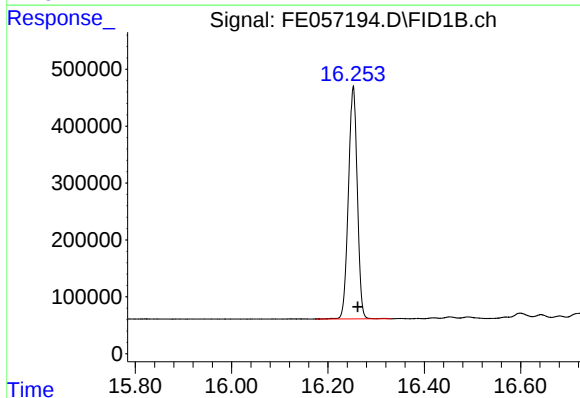
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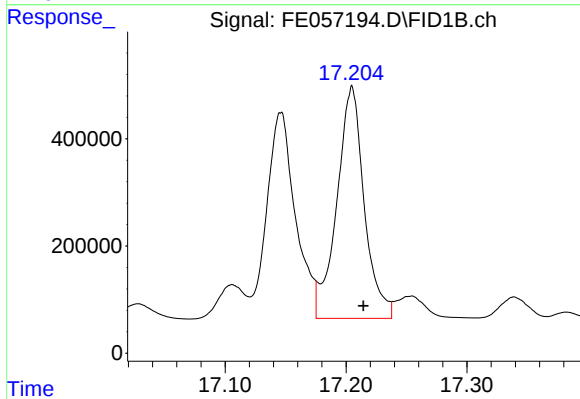
#14 n-Tetracosane (C24)

R.T.: 15.231 min
Delta R.T.: -0.008 min
Response: 12455477
Conc: 62.89 ug/ml



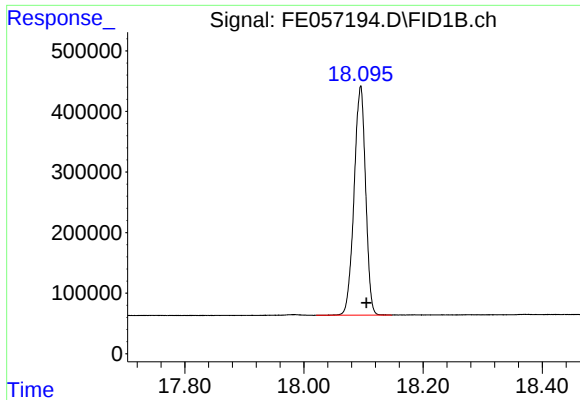
#15 n-Hexacosane (C26)

R.T.: 16.252 min
Delta R.T.: -0.009 min
Response: 5255185
Conc: 26.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.010 min
Response: 6810776
Conc: 33.14 ug/ml m



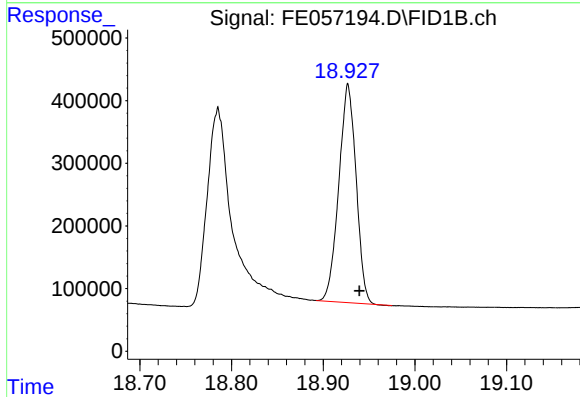
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: -0.010 min
Response: 5073803
Conc: 22.61 ug/ml

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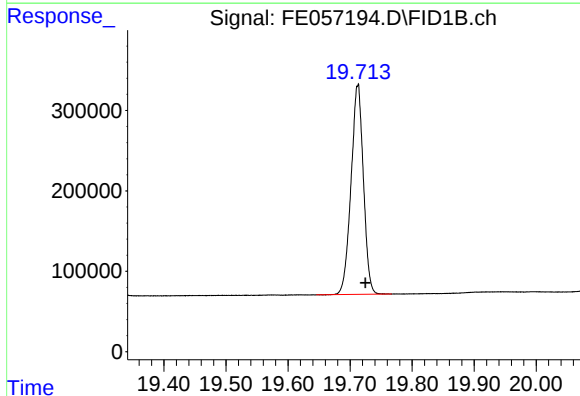
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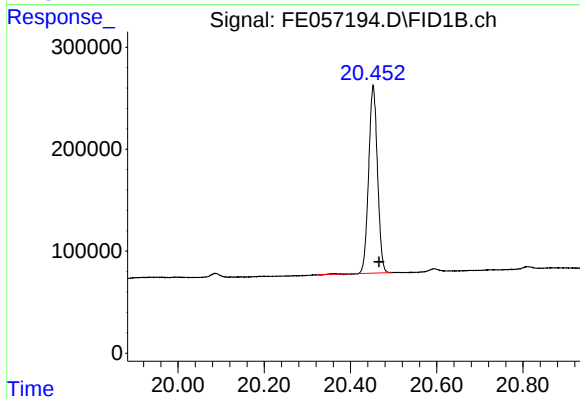
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.013 min
Response: 4583194
Conc: 19.63 ug/ml m



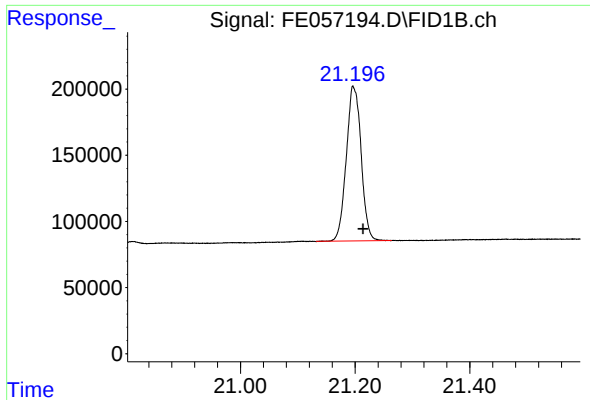
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.012 min
Response: 3611656
Conc: 16.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.453 min
Delta R.T.: -0.013 min
Response: 2614198
Conc: 14.04 ug/ml



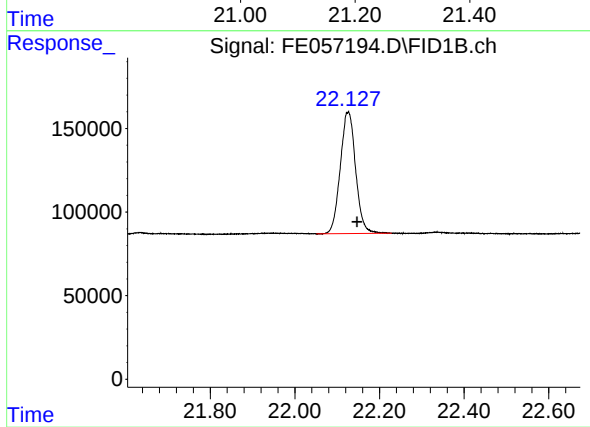
#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.016 min
Response: 2098869
Conc: 12.11 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.021 min
Response: 1834086
Conc: 10.88 ug/ml