

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057191.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 14:05
 Operator : YP\AJ
 Sample : PB170824BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170824BS

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 22:18:11 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)	11.935	7369134	33.581 ug/ml
Spiked Amount 50.000		Recovery =	67.16%
12) S 1-chlorooctadecane (S...	13.371	5085605	30.558 ug/ml
Spiked Amount 50.000		Recovery =	61.12%
Target Compounds			
1) T n-Nonane (C9)	3.302	4413544	22.563 ug/ml
2) T n-Decane (C10)	4.551	4739538	23.433 ug/ml
3) T A~Naphthalene (C11.7)	6.265	6532591	32.447 ug/ml
4) T n-Dodecane (C12)	6.720	5592331	27.400 ug/ml
5) T A~2-methylnaphthalene...	7.364	6192120	32.225 ug/ml
6) T n-Tetradecane (C14)	8.553	5994978	29.784 ug/ml
7) T n-Hexadecane (C16)	10.164	5961620	29.070 ug/ml
8) T n-Octadecane (C18)	11.611	5942843	28.833 ug/ml
10) T n-Eicosane (C20)	12.924	5903052	30.009 ug/ml
11) T n-Heneicosane (C21)	13.538	5791711	30.146 ug/ml
13) T n-Docosane (C22)	14.125	5717241	29.617 ug/ml
14) T n-Tetracosane (C24)	15.233	13134844	66.319 ug/ml
15) T n-Hexacosane (C26)	16.255	5605690	28.256 ug/ml
16) T n-Octacosane (C28)	17.207	7037981	34.248 ug/mlm
17) T n-Tricontane (C30)	18.097	5435634	24.220 ug/ml
18) T n-Dotriacontane (C32)	18.928	5166084	22.131 ug/mlm
19) T n-Tetratriacontane (C34)	19.715	4763842	22.304 ug/ml
20) T n-Hexatriacontane (C36)	20.457	4310966	23.161 ug/ml
21) T n-Octatriacontane (C38)	21.201	4121260	23.780 ug/ml
22) T n-Tetracontane (C40)	22.129	4020955	23.861 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB170824BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

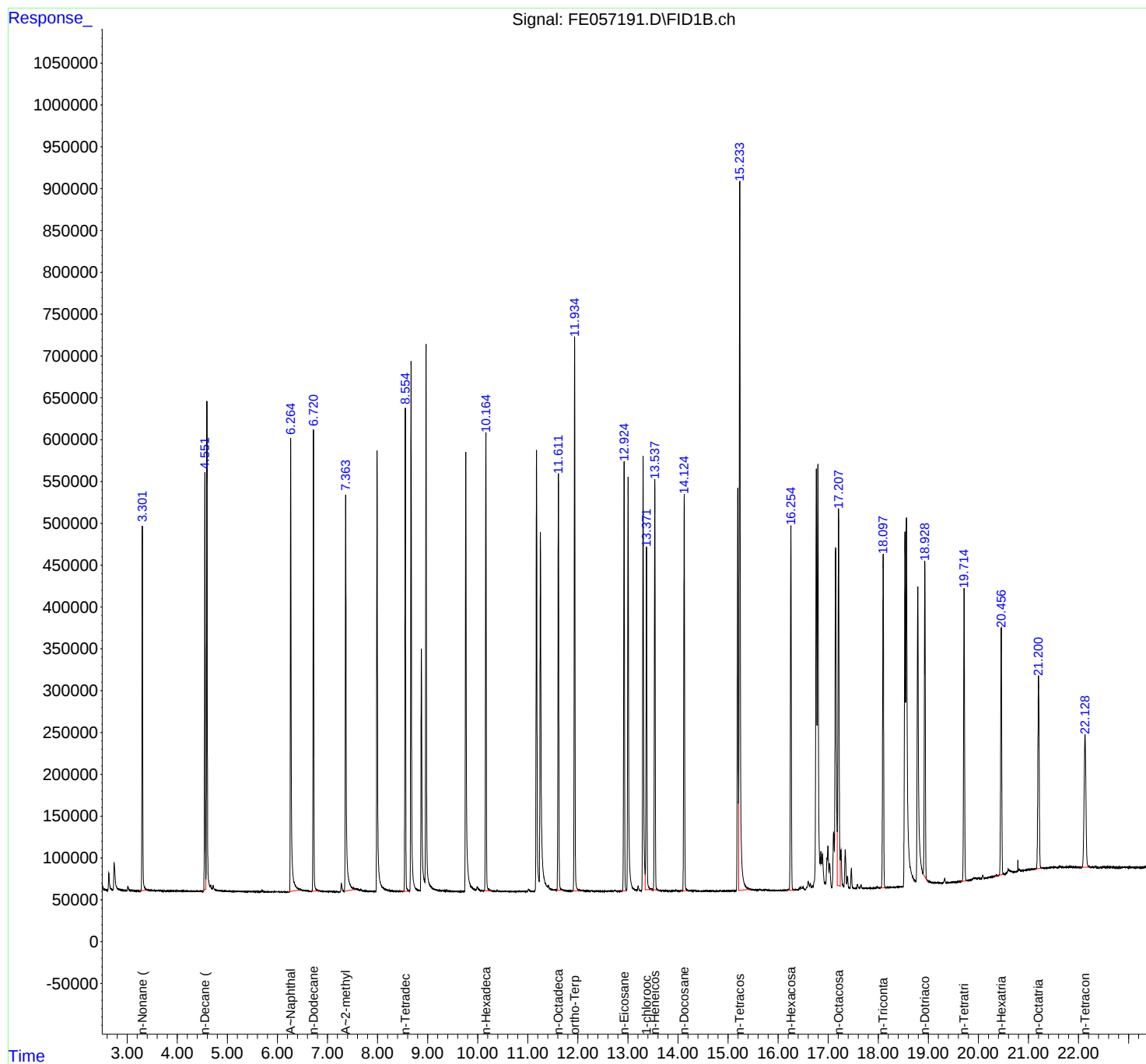
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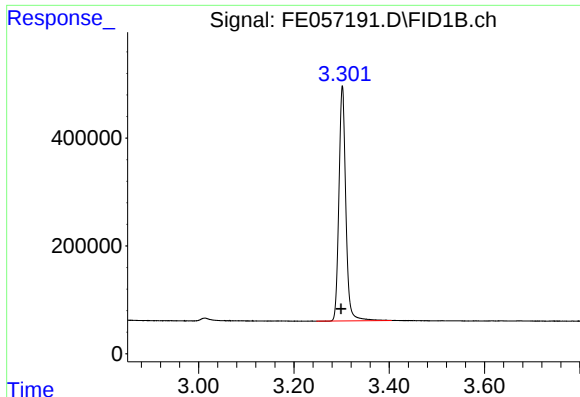
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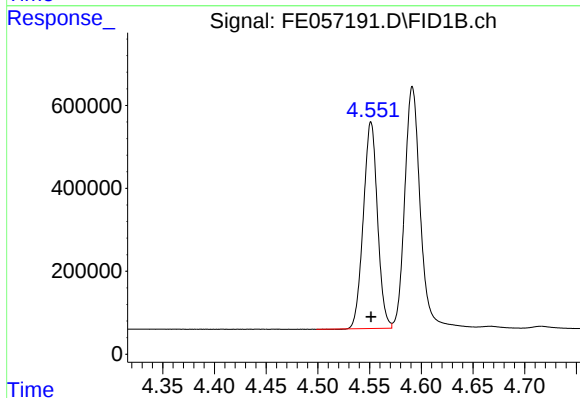
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: 0.003 min
Response: 4413544
Conc: 22.56 ug/ml

Instrument :
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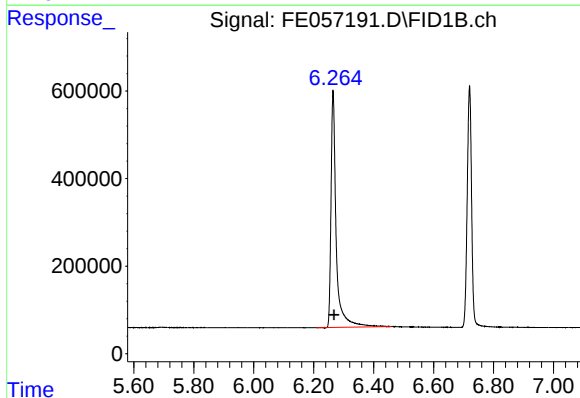
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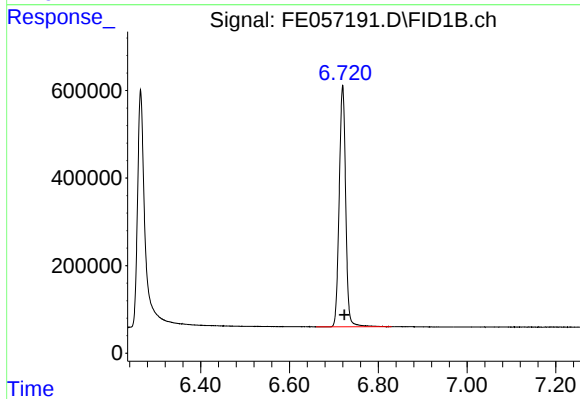
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 4739538
Conc: 23.43 ug/ml



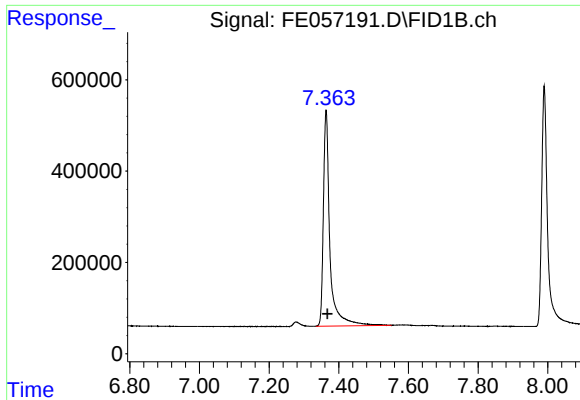
#3 A~Naphthalene (C11.7)

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 6532591
Conc: 32.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.720 min
Delta R.T.: -0.004 min
Response: 5592331
Conc: 27.40 ug/ml



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

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 6192120
Conc: 32.23 ug/ml

Instrument :

FID_E

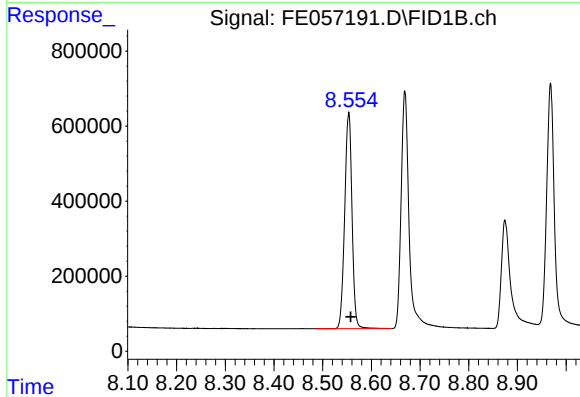
ClientSampleId :

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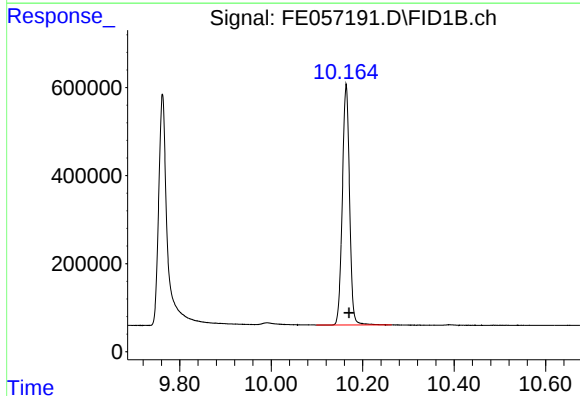
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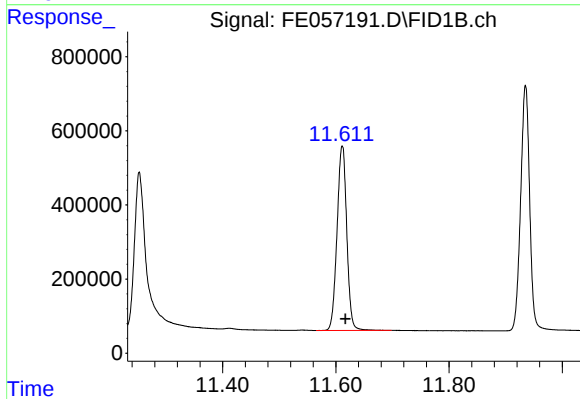
#6 n-Tetradecane (C14)

R.T.: 8.553 min
Delta R.T.: -0.004 min
Response: 5994978
Conc: 29.78 ug/ml



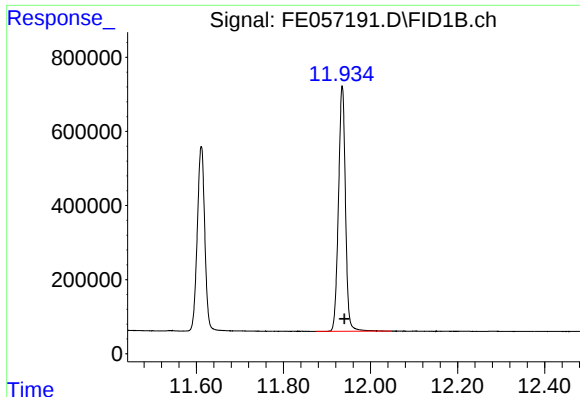
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: -0.006 min
Response: 5961620
Conc: 29.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.611 min
Delta R.T.: -0.006 min
Response: 5942843
Conc: 28.83 ug/ml



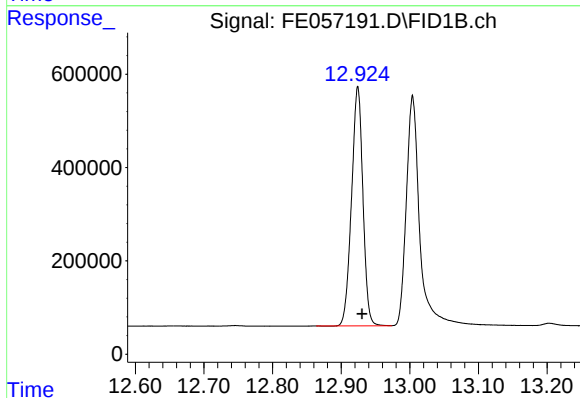
#9 ortho-Terphenyl (SURR)

R.T.: 11.935 min
Delta R.T.: -0.005 min
Response: 7369134
Conc: 33.58 ug/ml

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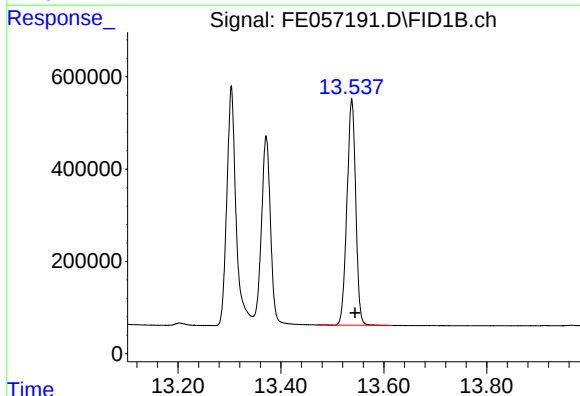
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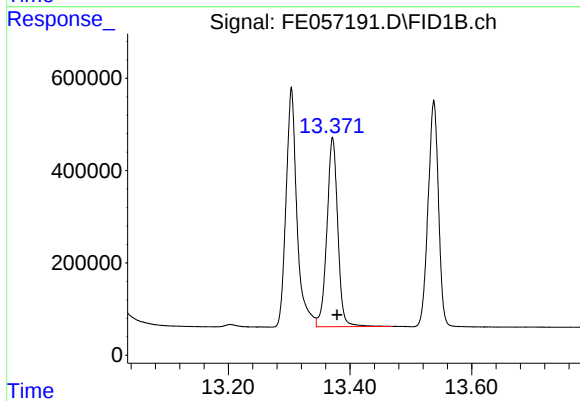
#10 n-Eicosane (C20)

R.T.: 12.924 min
Delta R.T.: -0.007 min
Response: 5903052
Conc: 30.01 ug/ml



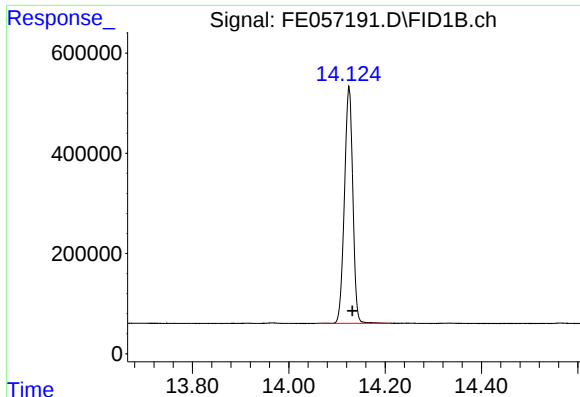
#11 n-Heneicosane (C21)

R.T.: 13.538 min
Delta R.T.: -0.006 min
Response: 5791711
Conc: 30.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.007 min
Response: 5085605
Conc: 30.56 ug/ml



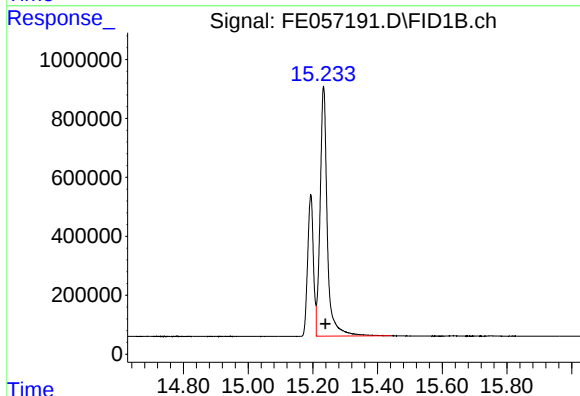
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: -0.007 min
Response: 5717241
Conc: 29.62 ug/ml

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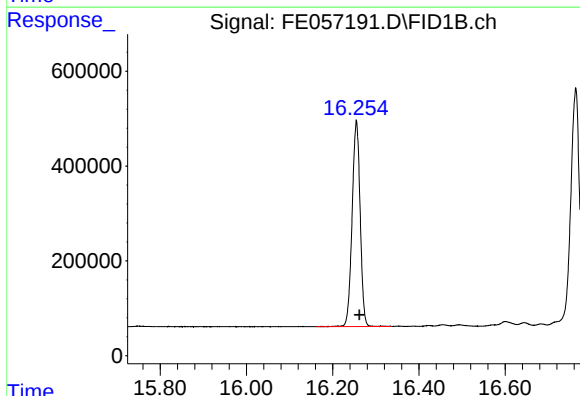
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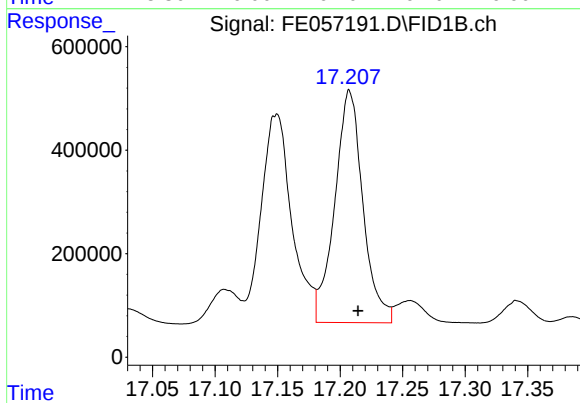
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.005 min
Response: 13134844
Conc: 66.32 ug/ml



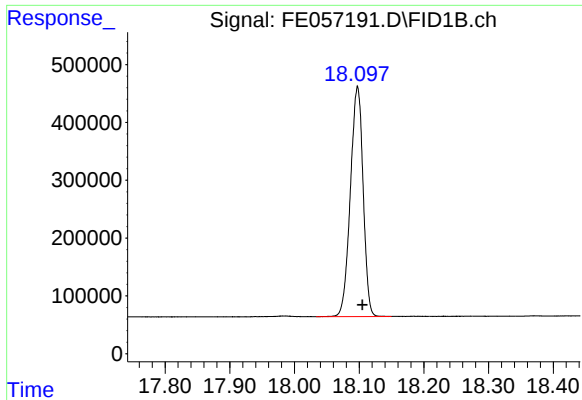
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: -0.007 min
Response: 5605690
Conc: 28.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.008 min
Response: 7037981
Conc: 34.25 ug/ml m



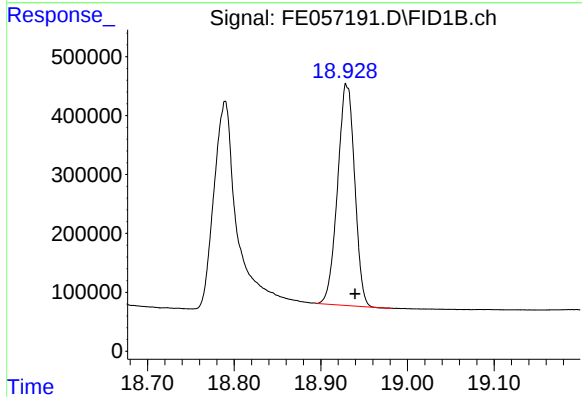
#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 5435634
Conc: 24.22 ug/ml

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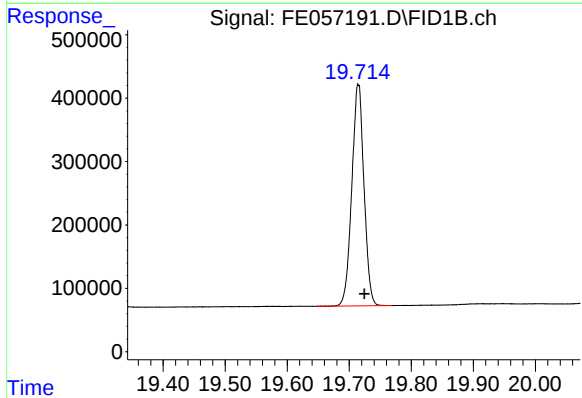
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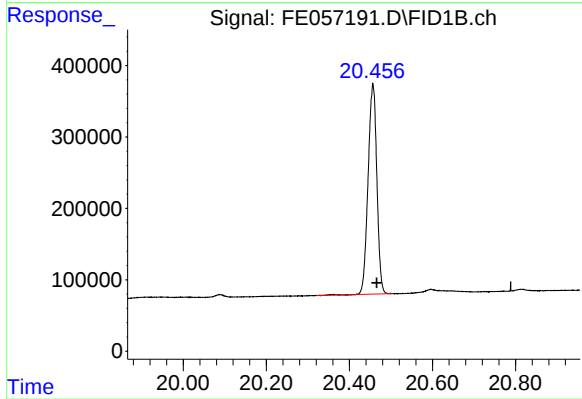
#18 n-Dotriacontane (C32)

R.T.: 18.928 min
Delta R.T.: -0.011 min
Response: 5166084
Conc: 22.13 ug/ml m



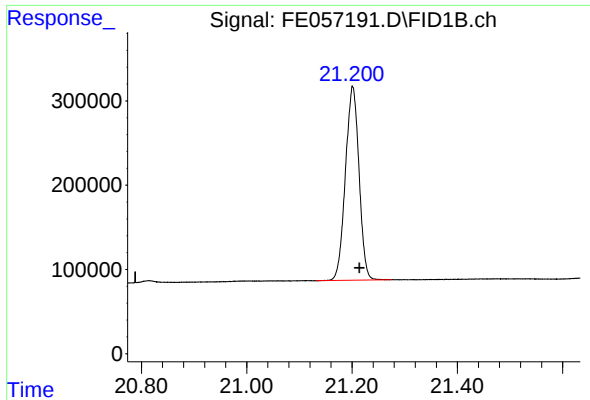
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.010 min
Response: 4763842
Conc: 22.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.009 min
Response: 4310966
Conc: 23.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.201 min
Delta R.T.: -0.013 min
Response: 4121260
Conc: 23.78 ug/ml

Instrument :

FID_E

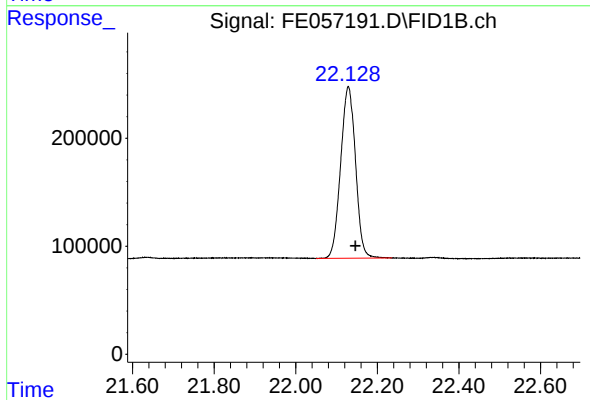
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#22 n-Tetracontane (C40)

R.T.: 22.129 min
Delta R.T.: -0.018 min
Response: 4020955
Conc: 23.86 ug/ml