

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121025AL\
 Data File : FE057299.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 02:15
 Operator : YP\AJ
 Sample : PB170886BSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170886BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/11/2025
 Supervised By :Yogesh Patel 12/11/2025

Integration File: autoint1.e
 Quant Time: Dec 11 04:04:29 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)	11.933	7417534	33.802 ug/ml
Spiked Amount 50.000		Recovery =	67.60%
12) S 1-chlorooctadecane (S...	13.370	5199689	31.243 ug/ml
Spiked Amount 50.000		Recovery =	62.49%
Target Compounds			
1) T n-Nonane (C9)	3.297	5257121	26.875 ug/ml
2) T n-Decane (C10)	4.546	5571616	27.547 ug/ml
3) T A~Naphthalene (C11.7)	6.261	7402085	36.766 ug/ml
4) T n-Dodecane (C12)	6.716	6236955	30.559 ug/ml
5) T A~2-methylnaphthalene...	7.361	6702118	34.879 ug/ml
6) T n-Tetradecane (C14)	8.550	6390711	31.750 ug/ml
7) T n-Hexadecane (C16)	10.162	6261443	30.532 ug/ml
8) T n-Octadecane (C18)	11.609	6208954	30.124 ug/ml
10) T n-Eicosane (C20)	12.923	6137387	31.200 ug/ml
11) T n-Heneicosane (C21)	13.536	6002374	31.242 ug/ml
13) T n-Docosane (C22)	14.124	5910050	30.615 ug/ml
14) T n-Tetracosane (C24)	15.233	13777513	69.563 ug/ml
15) T n-Hexacosane (C26)	16.254	5763160	29.050 ug/ml
16) T n-Octacosane (C28)	17.207	7702610	37.482 ug/mlm
17) T n-Tricontane (C30)	18.097	5629493	25.084 ug/ml
18) T n-Dotriacontane (C32)	18.930	5292657	22.673 ug/ml
19) T n-Tetratriacontane (C34)	19.716	6097469	28.548 ug/ml
20) T n-Hexatriacontane (C36)	20.459	6782026	36.437 ug/ml
21) T n-Octatriacontane (C38)	21.206	7792124	44.961 ug/ml
22) T n-Tetracontane (C40)	22.137	8611607	51.103 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 30 Sample Multiplier: 1

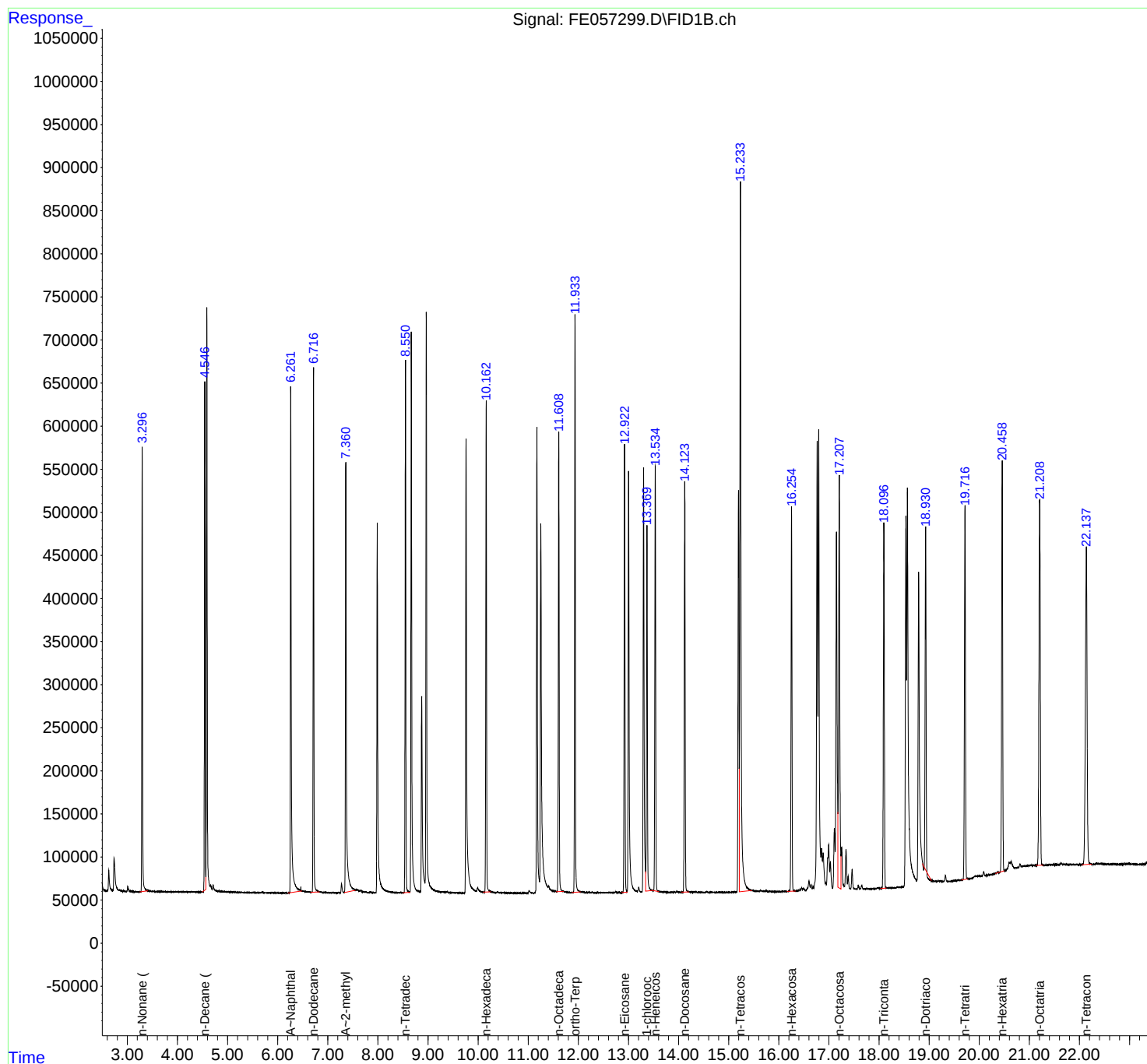
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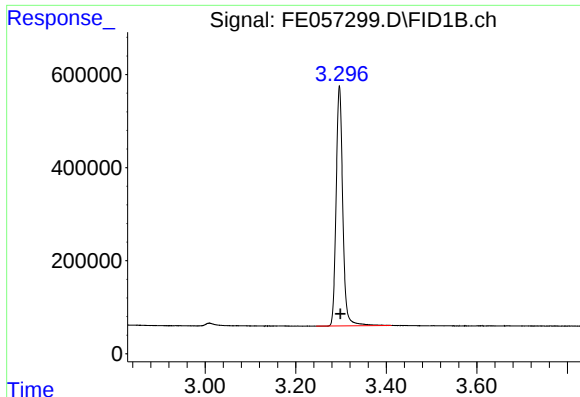
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.297 min
Delta R.T.: -0.002 min
Response: 5257121
Conc: 26.88 ug/ml

Instrument :

FID_E

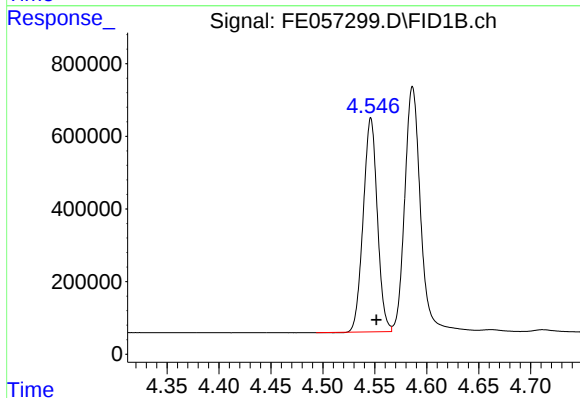
ClientSampleId :

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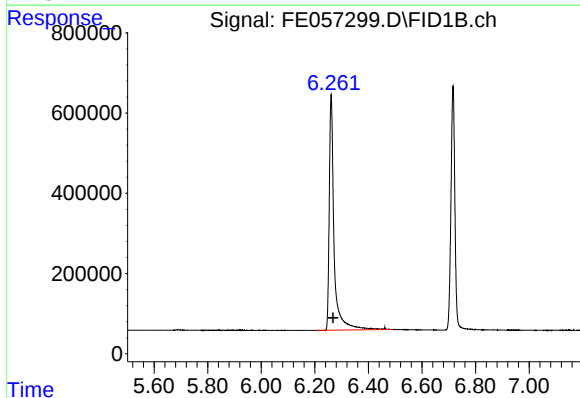
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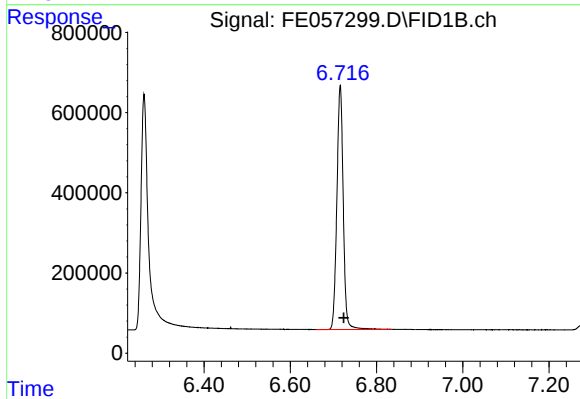
#2 n-Decane (C10)

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 5571616
Conc: 27.55 ug/ml



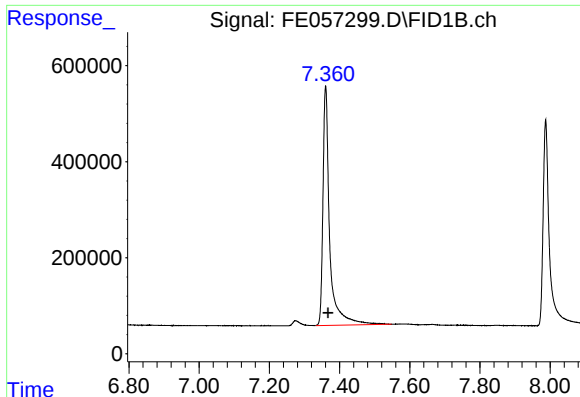
#3 A~Naphthalene (C11.7)

R.T.: 6.261 min
Delta R.T.: -0.007 min
Response: 7402085
Conc: 36.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.716 min
Delta R.T.: -0.008 min
Response: 6236955
Conc: 30.56 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.007 min
Response: 6702118
Conc: 34.88 ug/ml

Instrument :

FID_E

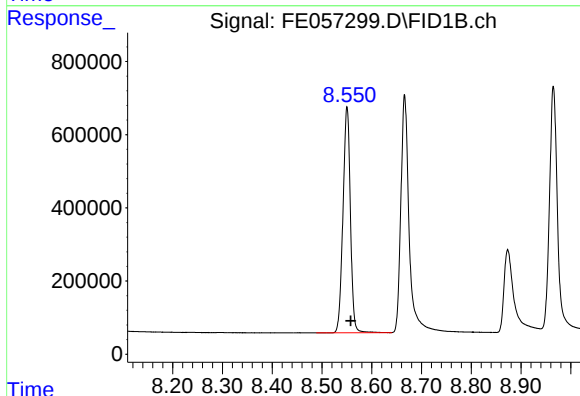
ClientSampleId :

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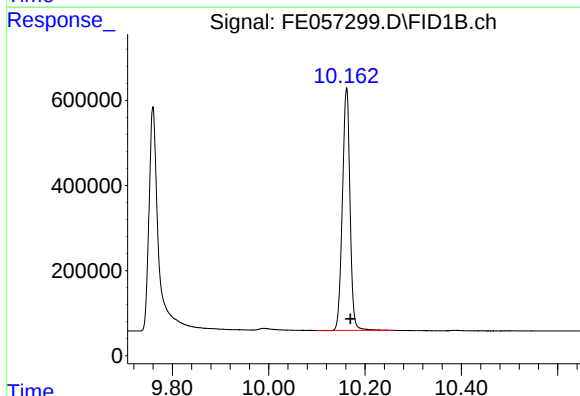
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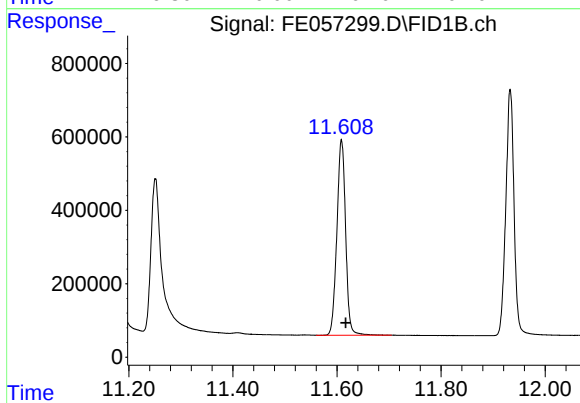
#6 n-Tetradecane (C14)

R.T.: 8.550 min
Delta R.T.: -0.007 min
Response: 6390711
Conc: 31.75 ug/ml



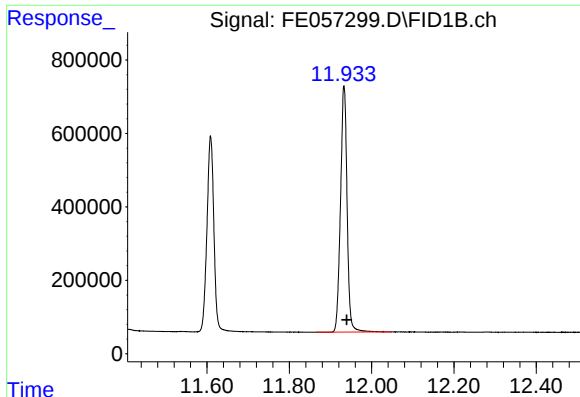
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 6261443
Conc: 30.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 6208954
Conc: 30.12 ug/ml



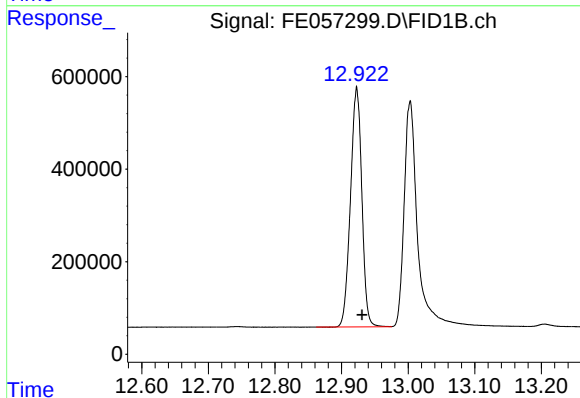
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 7417534
Conc: 33.80 ug/ml

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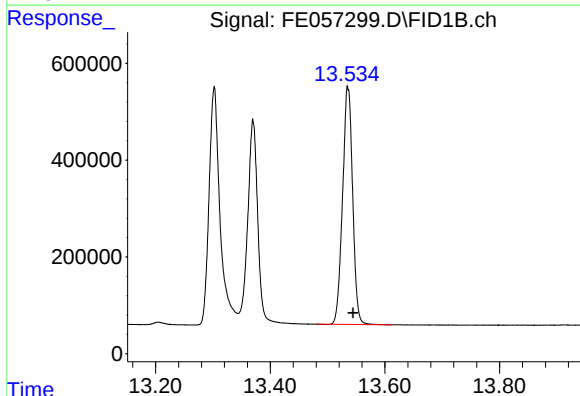
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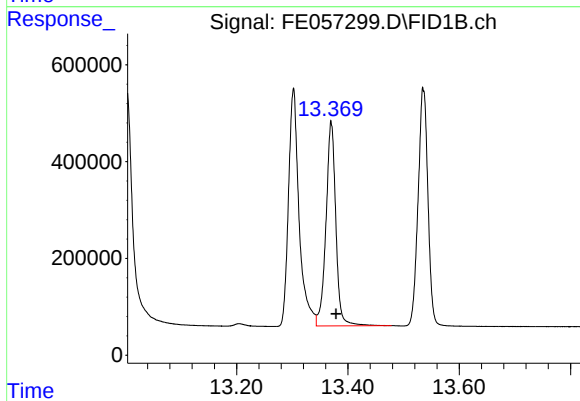
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.008 min
Response: 6137387
Conc: 31.20 ug/ml



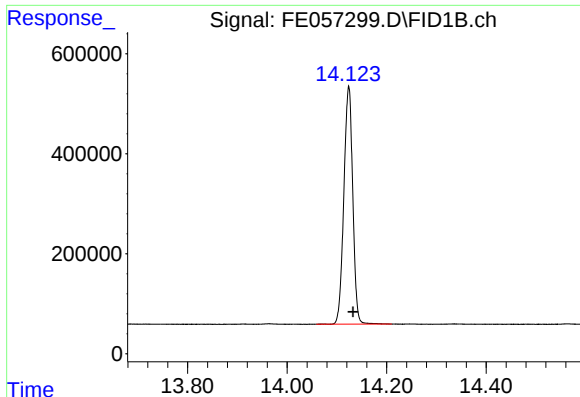
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.009 min
Response: 6002374
Conc: 31.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 5199689
Conc: 31.24 ug/ml



#13 n-Docosane (C22)

R.T.: 14.124 min
Delta R.T.: -0.009 min
Response: 5910050
Conc: 30.62 ug/ml

Instrument :

FID_E

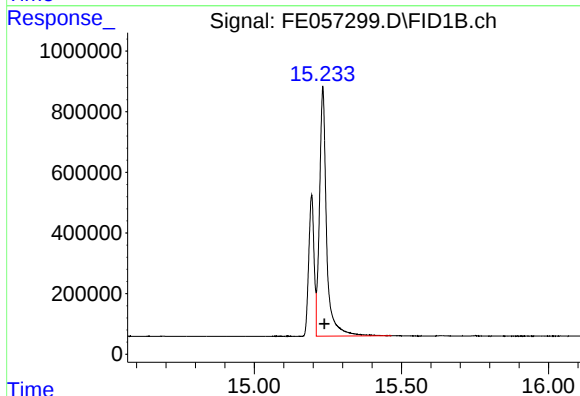
ClientSampleId :

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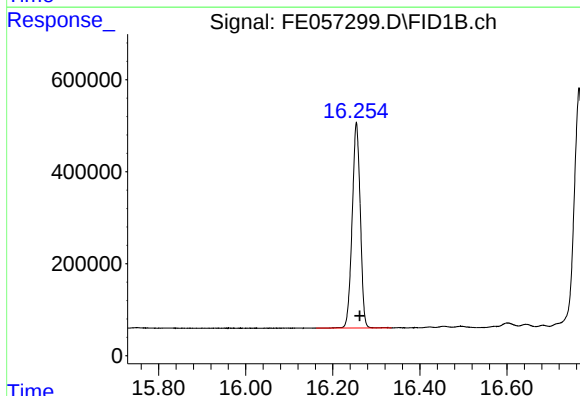
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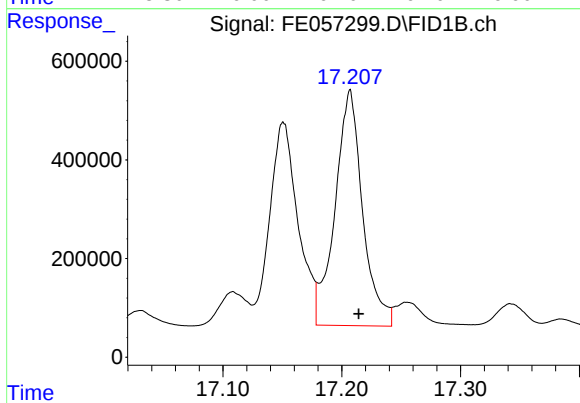
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.005 min
Response: 13777513
Conc: 69.56 ug/ml



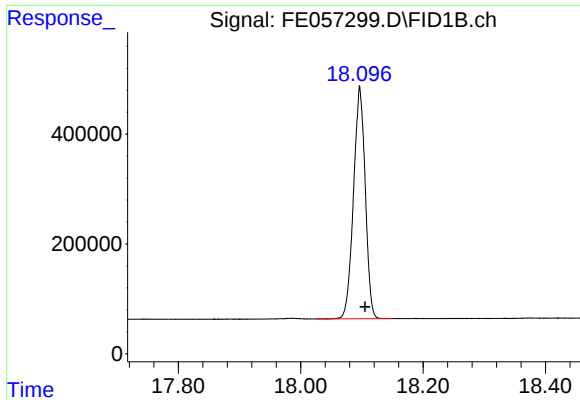
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.007 min
Response: 5763160
Conc: 29.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.207 min
Delta R.T.: -0.007 min
Response: 7702610
Conc: 37.48 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 5629493
Conc: 25.08 ug/ml

Instrument :

FID_E

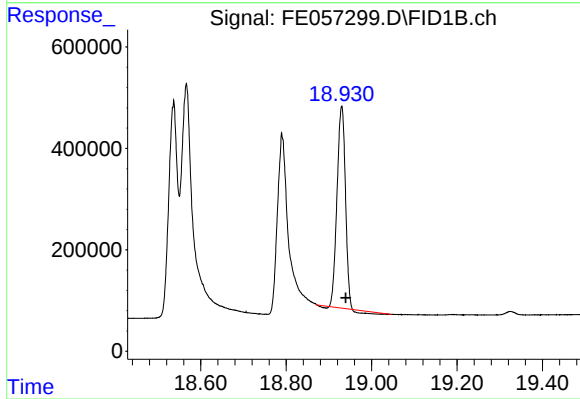
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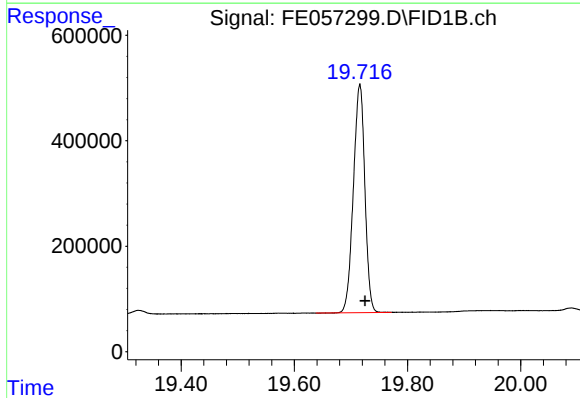
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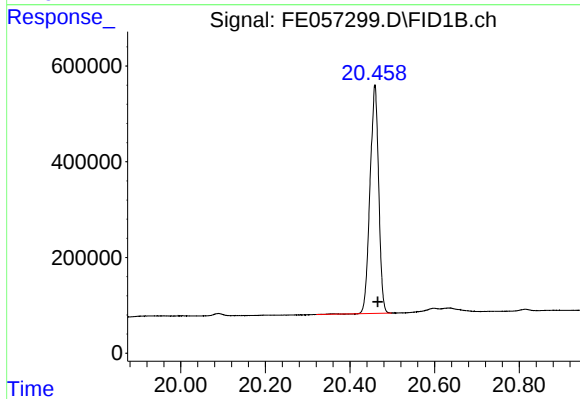
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.010 min
Response: 5292657
Conc: 22.67 ug/ml



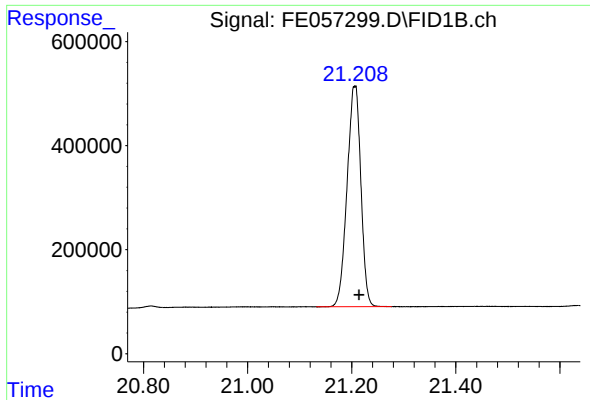
#19 n-Tetratriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.009 min
Response: 6097469
Conc: 28.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.007 min
Response: 6782026
Conc: 36.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: -0.008 min
Response: 7792124
Conc: 44.96 ug/ml

Instrument :

FID_E

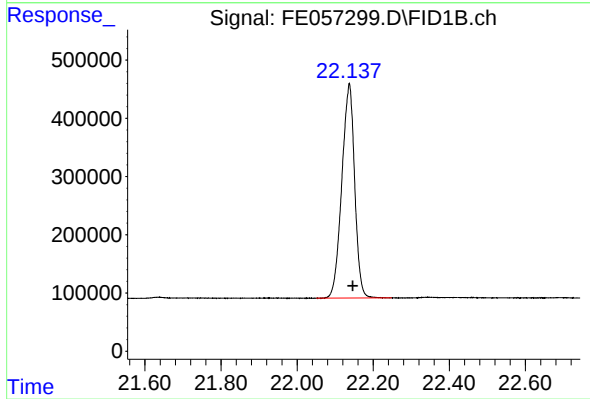
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#22 n-Tetracontane (C40)

R.T.: 22.137 min
Delta R.T.: -0.009 min
Response: 8611607
Conc: 51.10 ug/ml