

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121125AL\
 Data File : FE057311.D
 Signal(s) : FID1B.ch
 Acq On : 11 Dec 2025 14:33
 Operator : YP\AJ
 Sample : PB170903BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170903BSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Dec 12 00:16:29 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)	11.931	6689475	30.484 ug/ml
Spiked Amount 50.000		Recovery =	60.97%
12) S 1-chlorooctadecane (S...	13.368	4703917	28.264 ug/ml
Spiked Amount 50.000		Recovery =	56.53%
Target Compounds			
1) T n-Nonane (C9)	3.296	4721125	24.135 ug/ml
2) T n-Decane (C10)	4.545	4890564	24.180 ug/ml
3) T A~Naphthalene (C11.7)	6.260	6374515	31.662 ug/ml
4) T n-Dodecane (C12)	6.715	5422485	26.568 ug/ml
5) T A~2-methylnaphthalene...	7.359	5876055	30.580 ug/ml
6) T n-Tetradecane (C14)	8.548	5732144	28.479 ug/ml
7) T n-Hexadecane (C16)	10.159	5744093	28.010 ug/ml
8) T n-Octadecane (C18)	11.606	5716227	27.733 ug/ml
10) T n-Eicosane (C20)	12.919	5661175	28.779 ug/ml
11) T n-Heneicosane (C21)	13.533	5559228	28.936 ug/ml
13) T n-Docosane (C22)	14.121	5453865	28.252 ug/ml
14) T n-Tetracosane (C24)	15.229	12761230	64.432 ug/ml
15) T n-Hexacosane (C26)	16.251	5299893	26.715 ug/ml
16) T n-Octacosane (C28)	17.203	6982107	33.976 ug/mlm
17) T n-Tricontane (C30)	18.094	5168116	23.028 ug/ml
18) T n-Dotriacontane (C32)	18.926	5044939	21.612 ug/mlm
19) T n-Tetratriacontane (C34)	19.712	4948623	23.169 ug/ml
20) T n-Hexatriacontane (C36)	20.455	4907617	26.367 ug/ml
21) T n-Octatriacontane (C38)	21.200	5204148	30.029 ug/ml
22) T n-Tetracontane (C40)	22.128	5477997	32.508 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170903BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

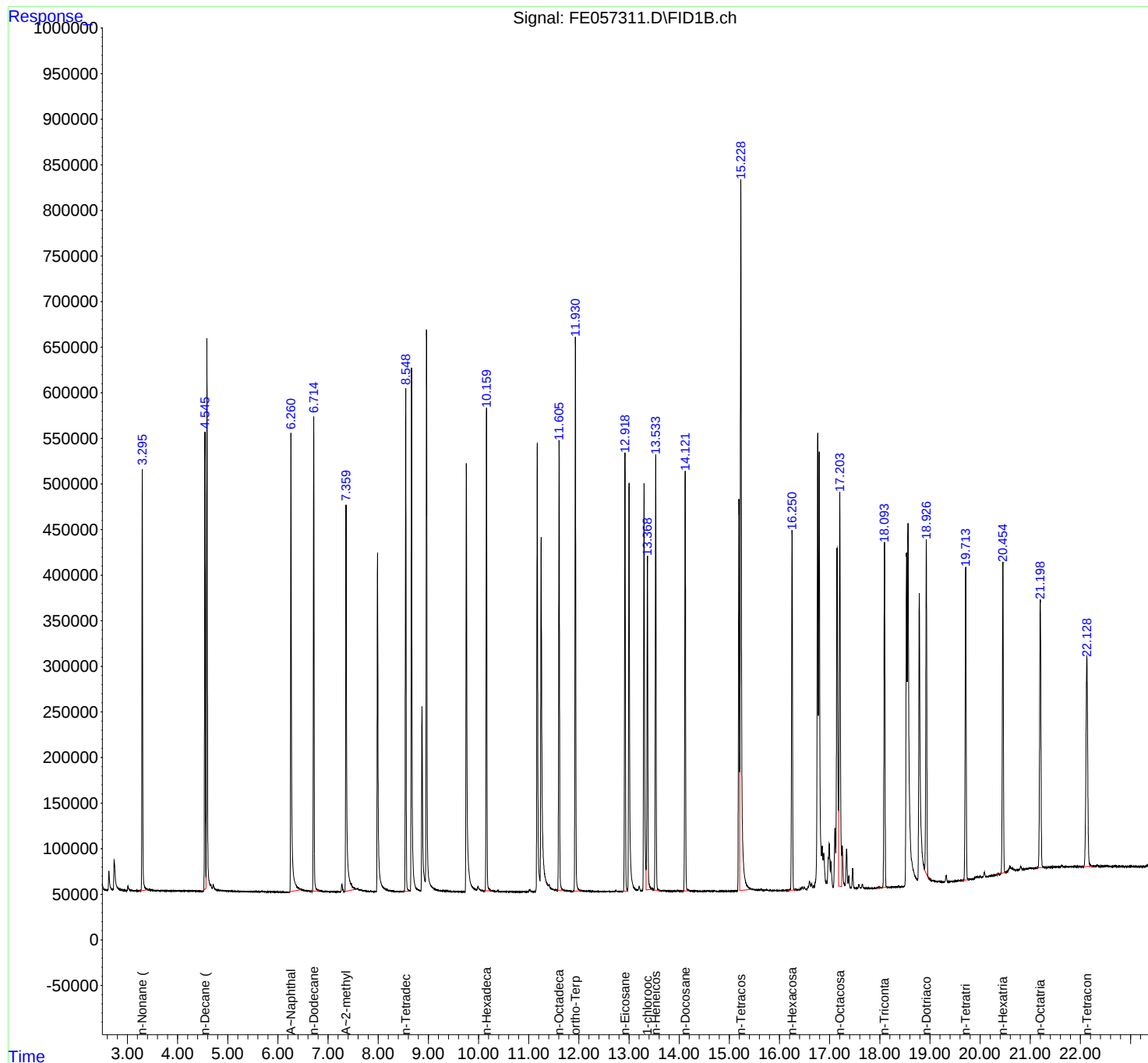
Instrument :
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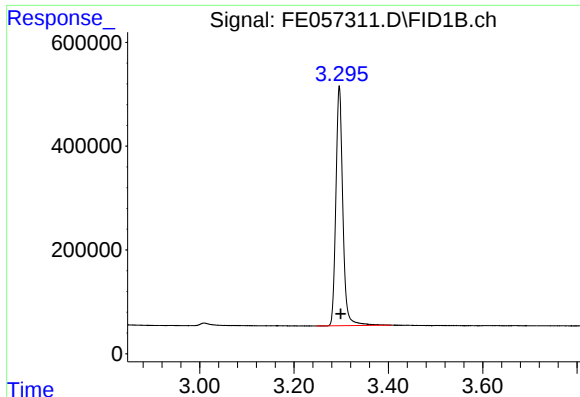
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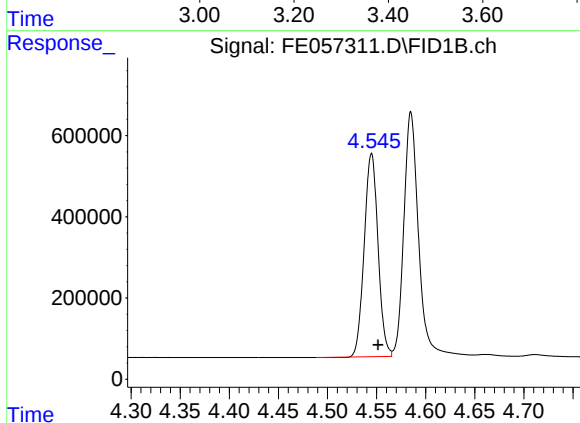
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: -0.003 min
Response: 4721125
Conc: 24.14 ug/ml

Instrument :
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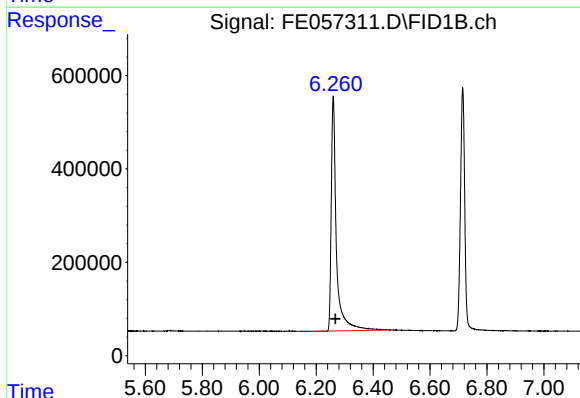
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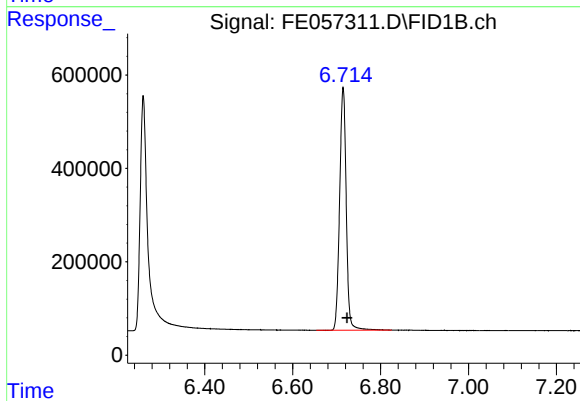
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.007 min
Response: 4890564
Conc: 24.18 ug/ml



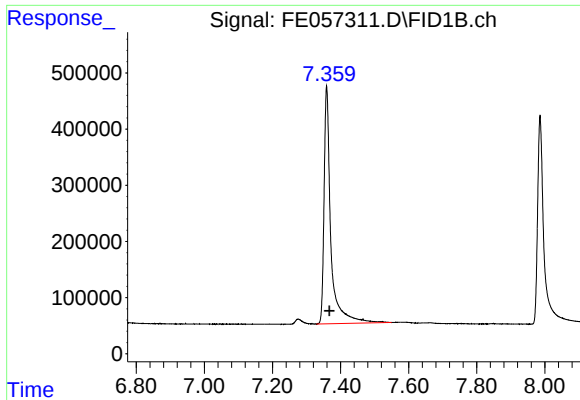
#3 A~Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: -0.008 min
Response: 6374515
Conc: 31.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.715 min
Delta R.T.: -0.009 min
Response: 5422485
Conc: 26.57 ug/ml



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

R.T.: 7.359 min
Delta R.T.: -0.008 min
Response: 5876055
Conc: 30.58 ug/ml

Instrument :

FID_E

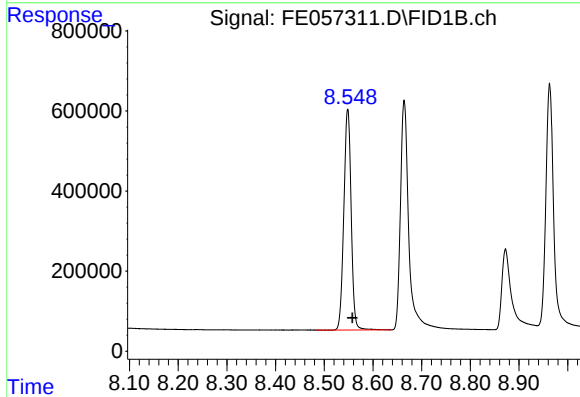
ClientSampleId :

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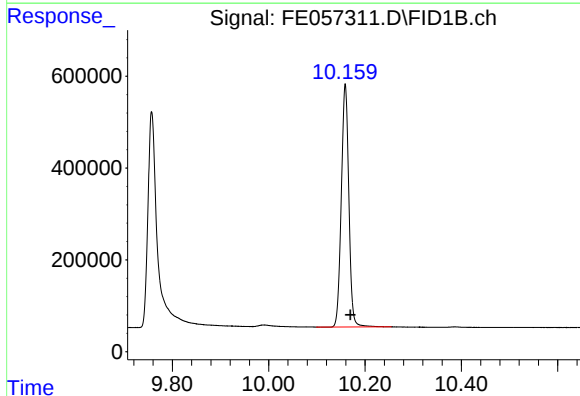
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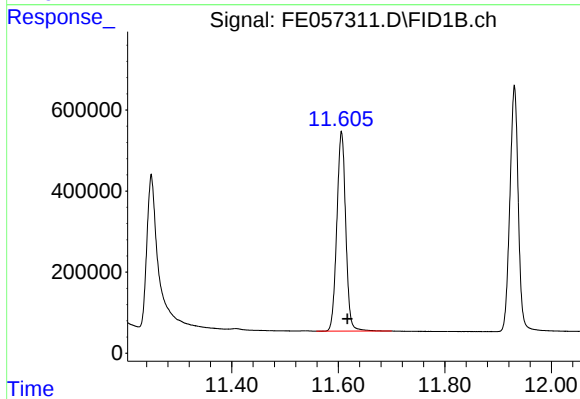
#6 n-Tetradecane (C14)

R.T.: 8.548 min
Delta R.T.: -0.009 min
Response: 5732144
Conc: 28.48 ug/ml



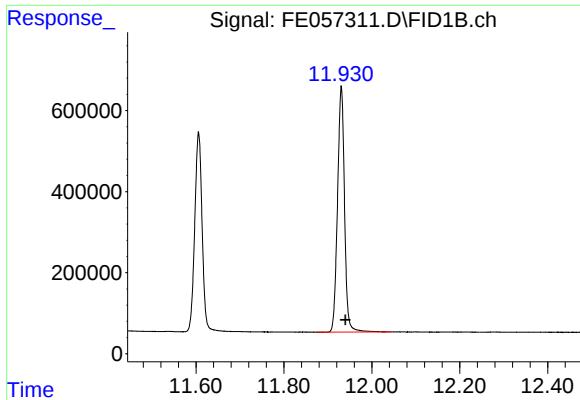
#7 n-Hexadecane (C16)

R.T.: 10.159 min
Delta R.T.: -0.011 min
Response: 5744093
Conc: 28.01 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.606 min
Delta R.T.: -0.011 min
Response: 5716227
Conc: 27.73 ug/ml



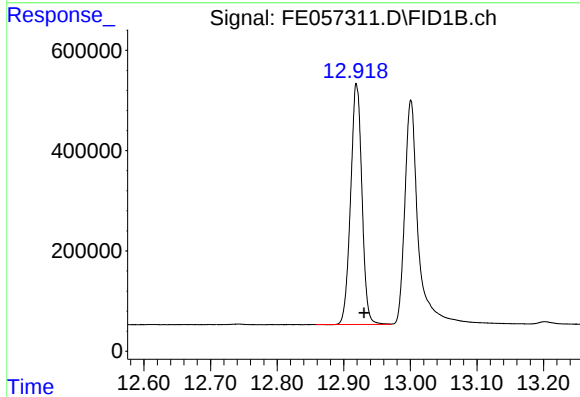
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: -0.009 min
Response: 6689475
Conc: 30.48 ug/ml

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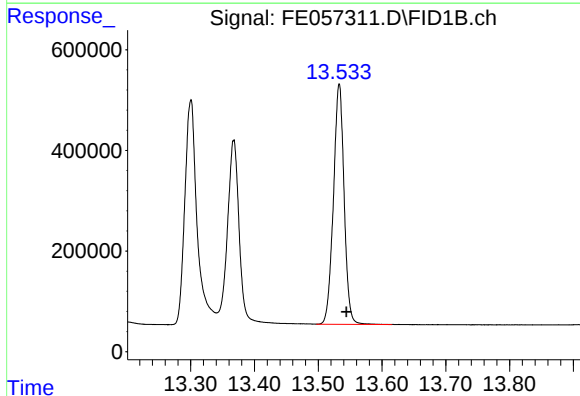
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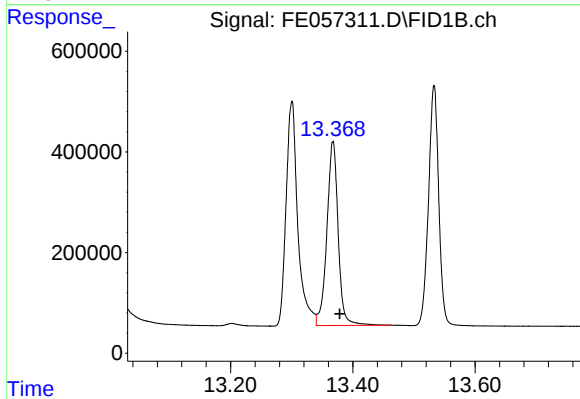
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.011 min
Response: 5661175
Conc: 28.78 ug/ml



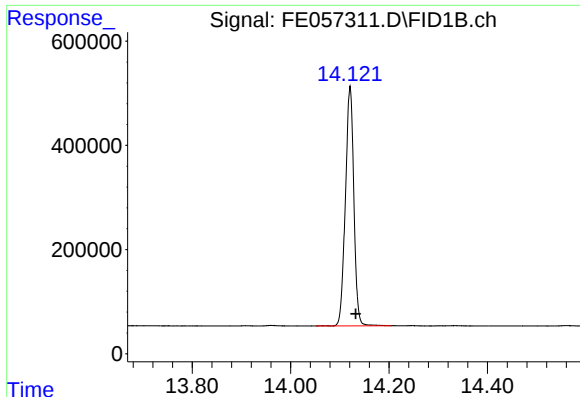
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: -0.011 min
Response: 5559228
Conc: 28.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.011 min
Response: 4703917
Conc: 28.26 ug/ml



#13 n-Docosane (C22)

R.T.: 14.121 min
Delta R.T.: -0.012 min
Response: 5453865
Conc: 28.25 ug/ml

Instrument :

FID_E

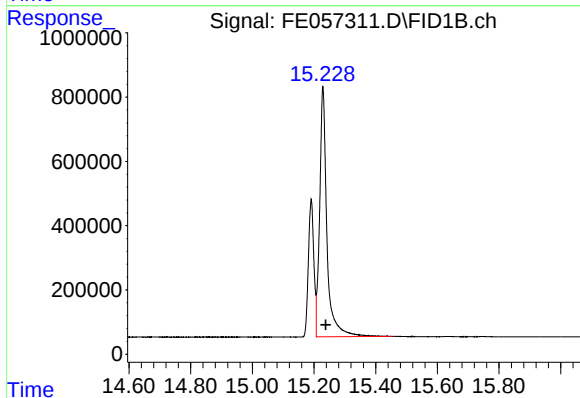
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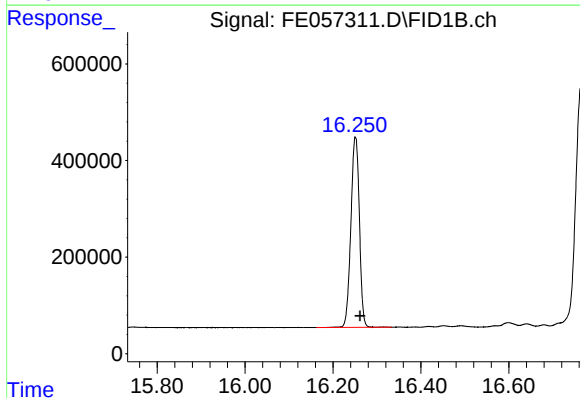
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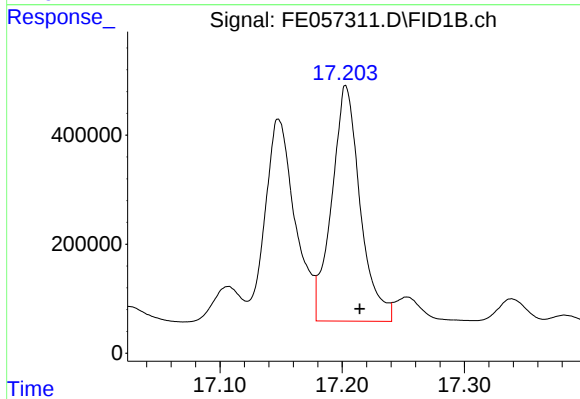
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.009 min
Response: 12761230
Conc: 64.43 ug/ml



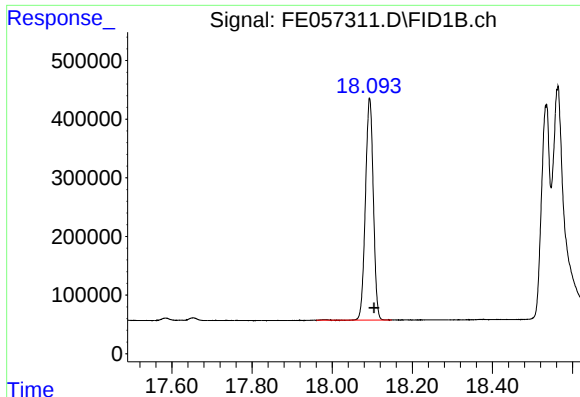
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.011 min
Response: 5299893
Conc: 26.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.012 min
Response: 6982107
Conc: 33.98 ug/ml m



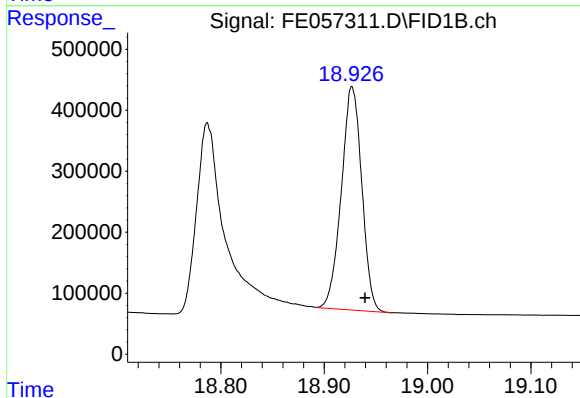
#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.011 min
Response: 5168116
Conc: 23.03 ug/ml

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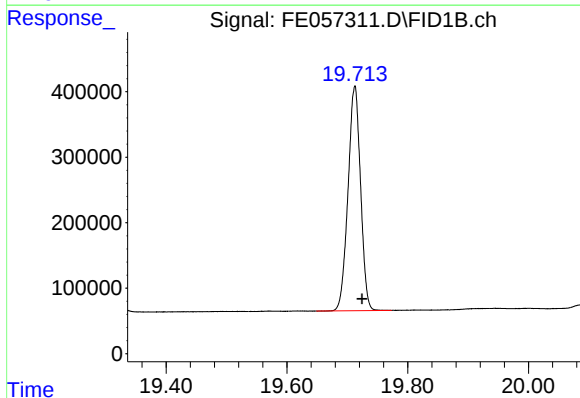
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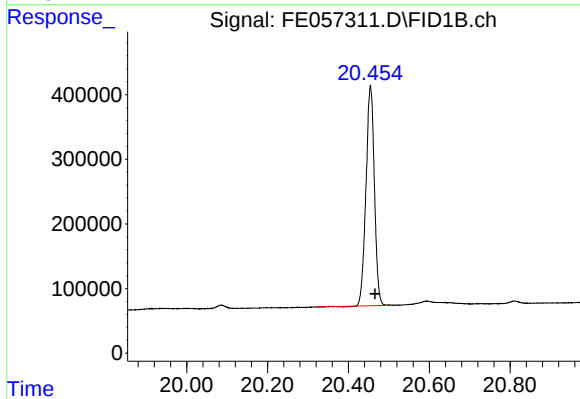
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.013 min
Response: 5044939
Conc: 21.61 ug/ml m



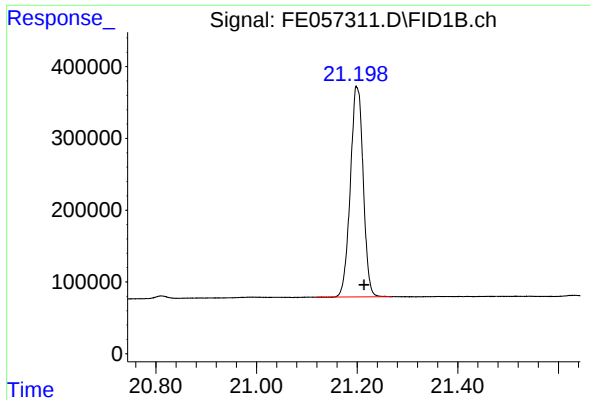
#19 n-Tetratriacontane (C34)

R.T.: 19.712 min
Delta R.T.: -0.012 min
Response: 4948623
Conc: 23.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.011 min
Response: 4907617
Conc: 26.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.014 min
Response: 5204148
Conc: 30.03 ug/ml

Instrument :

FID_E

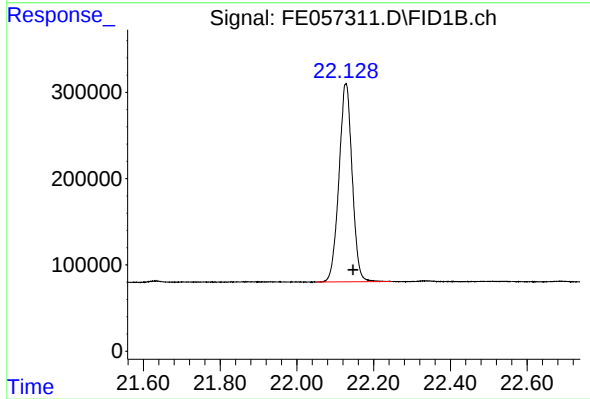
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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.019 min
Response: 5477997
Conc: 32.51 ug/ml