

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120525AL\
 Data File : FE057192.D
 Signal(s) : FID1B.ch
 Acq On : 05 Dec 2025 14:35
 Operator : YP\AJ
 Sample : PB170824BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170824BSD

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 22:18:42 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	7792783	35.512 ug/ml
Spiked Amount 50.000		Recovery =	71.02%
12) S 1-chlorooctadecane (S...	13.370	5374901	32.296 ug/ml
Spiked Amount 50.000		Recovery =	64.59%
Target Compounds			
1) T n-Nonane (C9)	3.299	4708869	24.073 ug/ml
2) T n-Decane (C10)	4.548	5069226	25.063 ug/ml
3) T A~Naphthalene (C11.7)	6.263	7026754	34.902 ug/ml
4) T n-Dodecane (C12)	6.718	5975560	29.278 ug/ml
5) T A~2-methylnaphthalene...	7.361	6622275	34.464 ug/ml
6) T n-Tetradecane (C14)	8.552	6400648	31.800 ug/ml
7) T n-Hexadecane (C16)	10.162	6351503	30.972 ug/ml
8) T n-Octadecane (C18)	11.609	6321880	30.672 ug/ml
10) T n-Eicosane (C20)	12.923	6270481	31.877 ug/ml
11) T n-Heneicosane (C21)	13.536	6141379	31.966 ug/ml
13) T n-Docosane (C22)	14.123	6064308	31.415 ug/ml
14) T n-Tetracosane (C24)	15.232	13981563	70.594 ug/ml
15) T n-Hexacosane (C26)	16.254	5940546	29.944 ug/ml
16) T n-Octacosane (C28)	17.206	7471077	36.356 ug/mlm
17) T n-Tricontane (C30)	18.096	5799529	25.842 ug/ml
18) T n-Dotriacontane (C32)	18.929	5555423	23.799 ug/mlm
19) T n-Tetratriacontane (C34)	19.714	5131214	24.024 ug/ml
20) T n-Hexatriacontane (C36)	20.454	4611378	24.775 ug/ml
21) T n-Octatriacontane (C38)	21.200	4421142	25.510 ug/ml
22) T n-Tetracontane (C40)	22.128	4308494	25.567 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170824BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

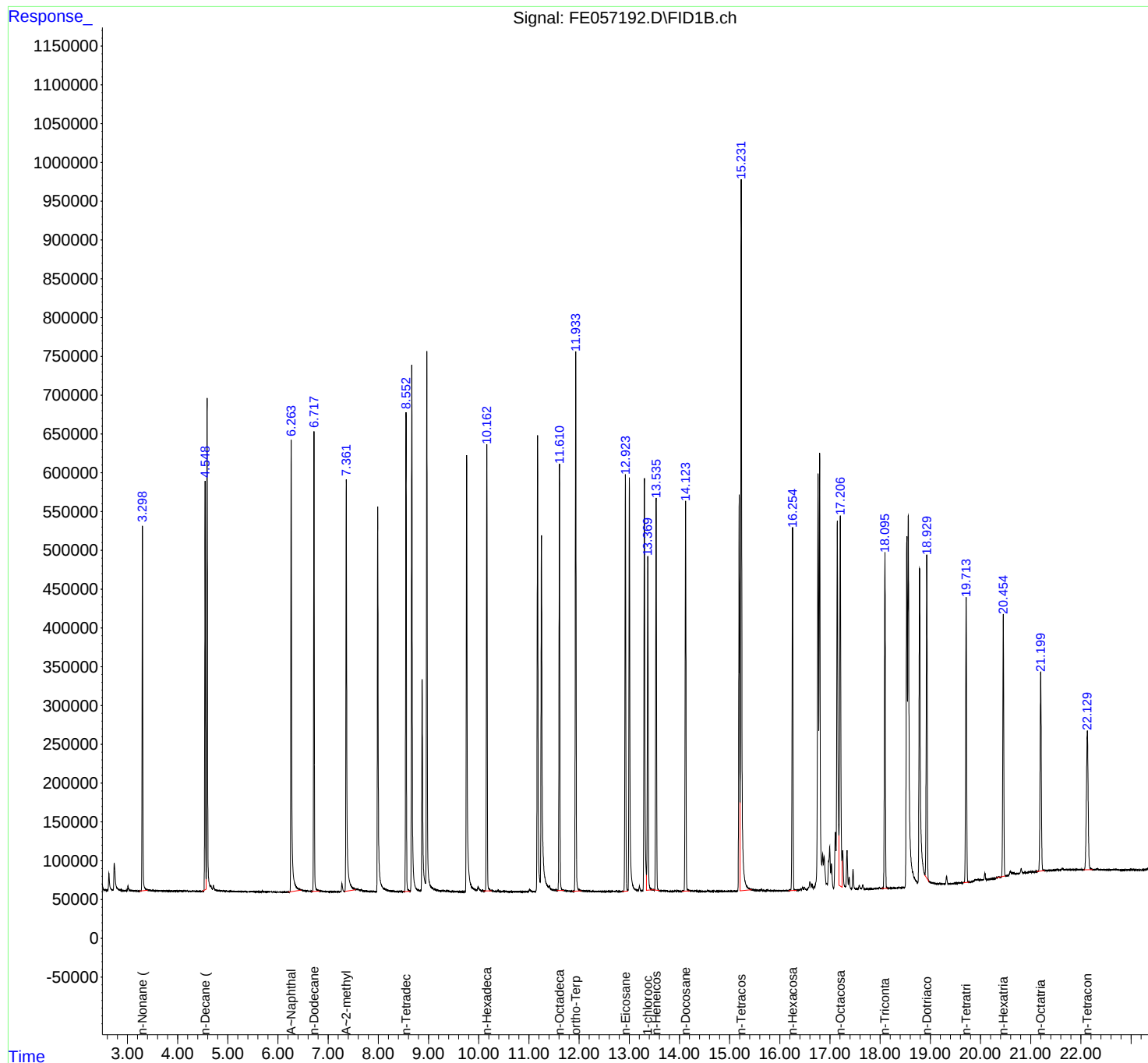
Instrument :
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PB170824BSD

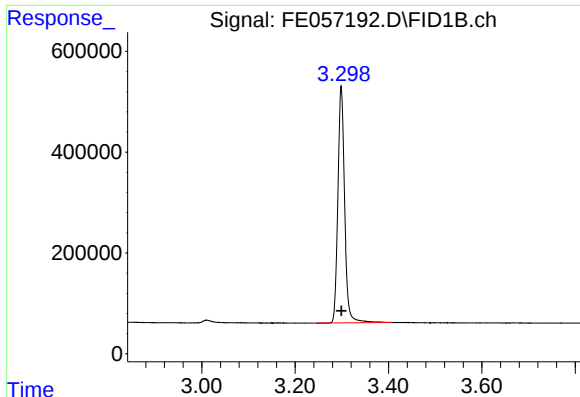
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 4708869
Conc: 24.07 ug/ml

Instrument :

FID_E

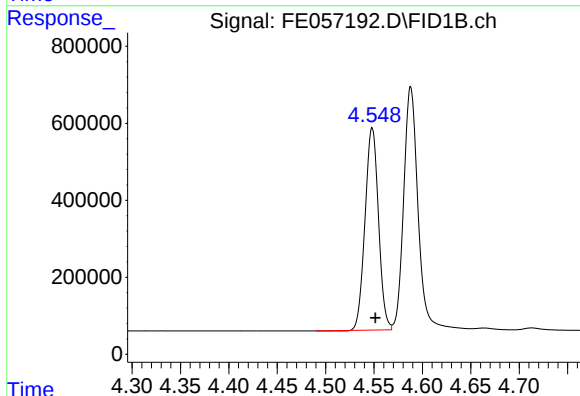
ClientSampleId :

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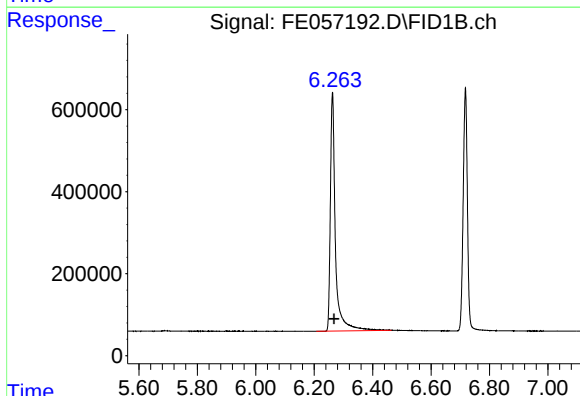
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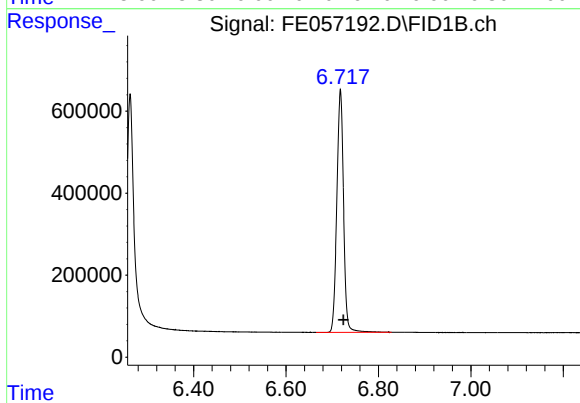
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.003 min
Response: 5069226
Conc: 25.06 ug/ml



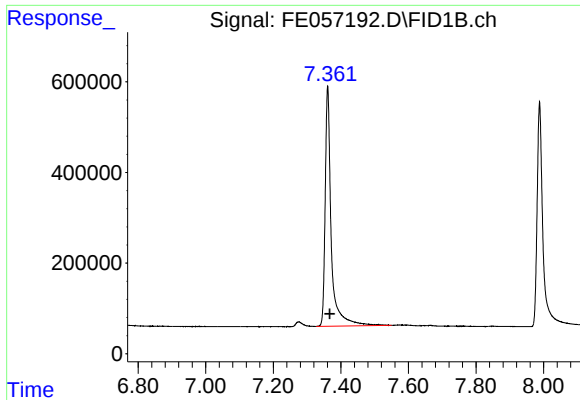
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 7026754
Conc: 34.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 5975560
Conc: 29.28 ug/ml



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

R.T.: 7.361 min
Delta R.T.: -0.006 min
Response: 6622275
Conc: 34.46 ug/ml

Instrument :

FID_E

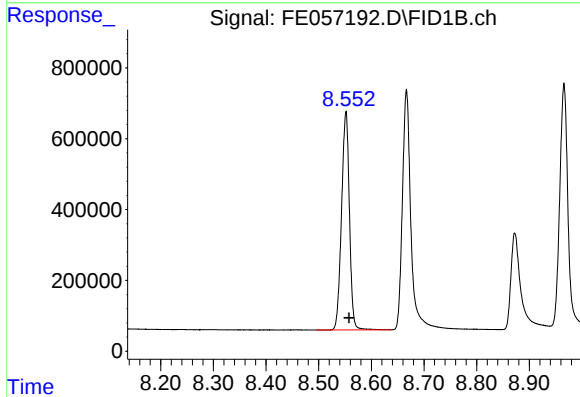
ClientSampleId :

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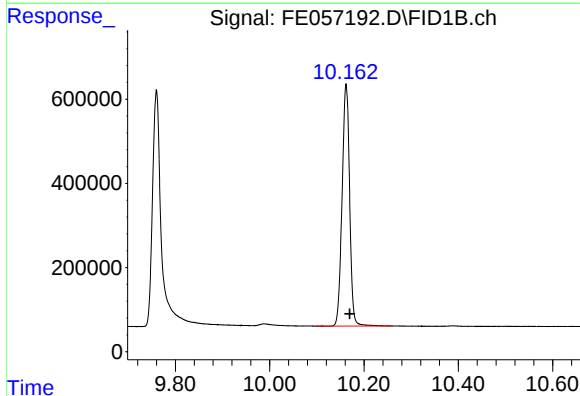
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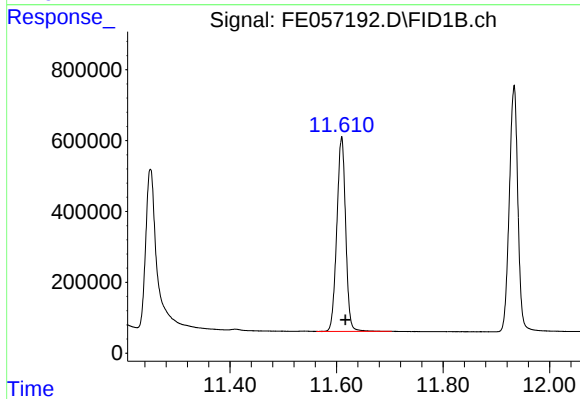
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: -0.006 min
Response: 6400648
Conc: 31.80 ug/ml



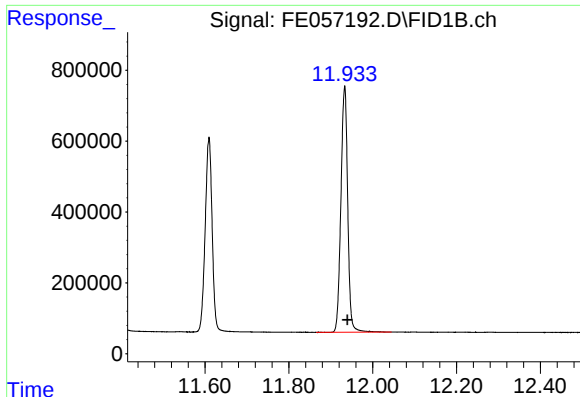
#7 n-Hexadecane (C16)

R.T.: 10.162 min
Delta R.T.: -0.008 min
Response: 6351503
Conc: 30.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.007 min
Response: 6321880
Conc: 30.67 ug/ml



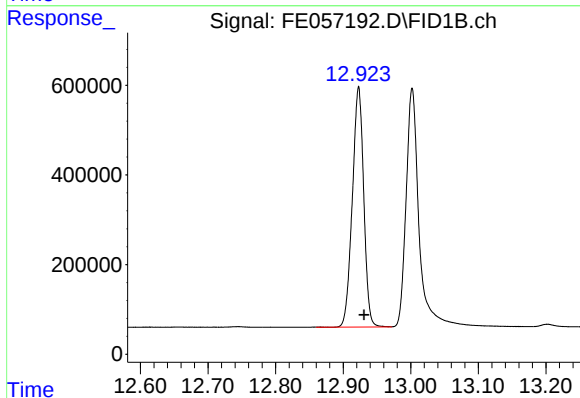
#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.007 min
Response: 7792783
Conc: 35.51 ug/ml

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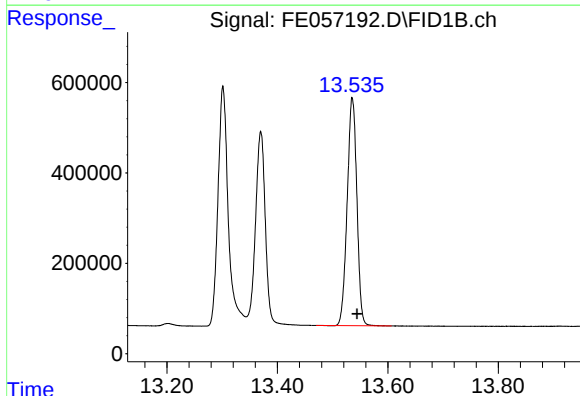
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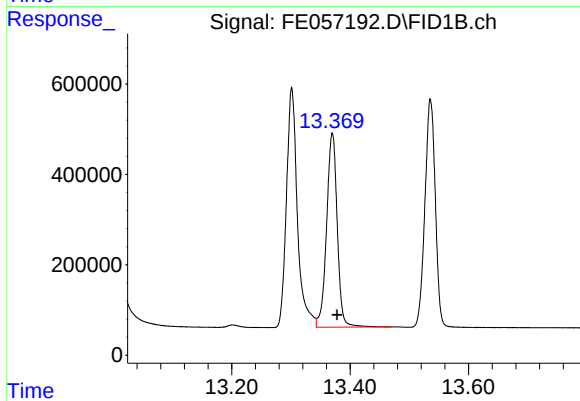
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: -0.008 min
Response: 6270481
Conc: 31.88 ug/ml



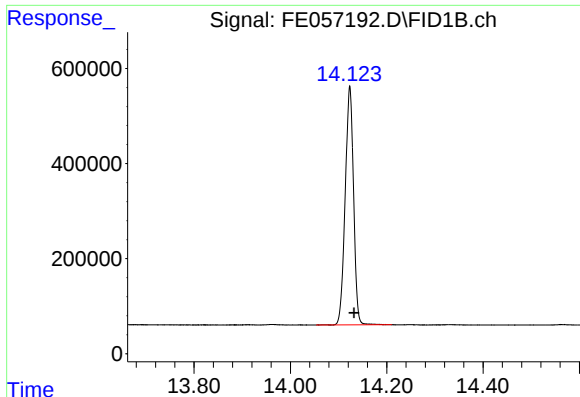
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: -0.008 min
Response: 6141379
Conc: 31.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.008 min
Response: 5374901
Conc: 32.30 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.009 min
Response: 6064308
Conc: 31.41 ug/ml

Instrument :

FID_E

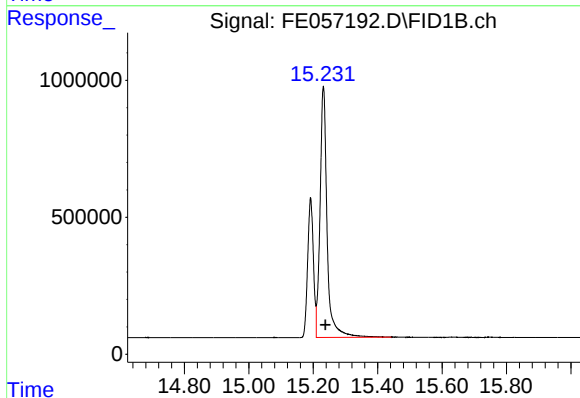
ClientSampleId :

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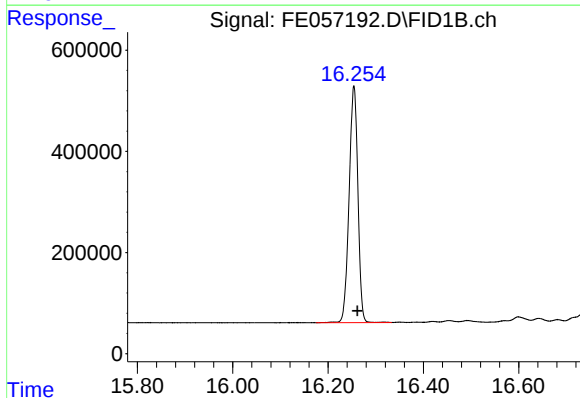
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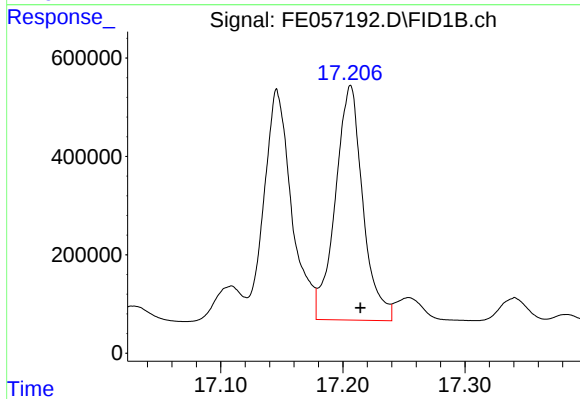
#14 n-Tetracosane (C24)

R.T.: 15.232 min
Delta R.T.: -0.007 min
Response: 13981563
Conc: 70.59 ug/ml



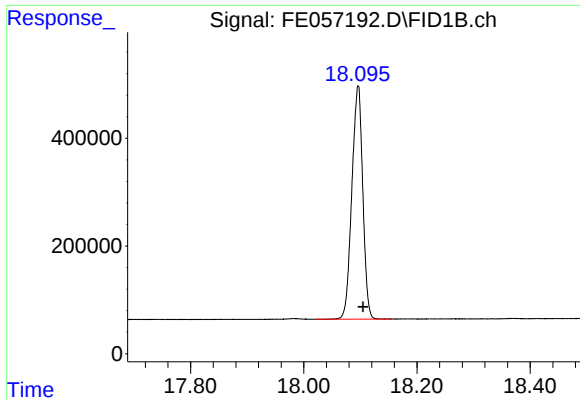
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: -0.007 min
Response: 5940546
Conc: 29.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.008 min
Response: 7471077
Conc: 36.36 ug/ml m



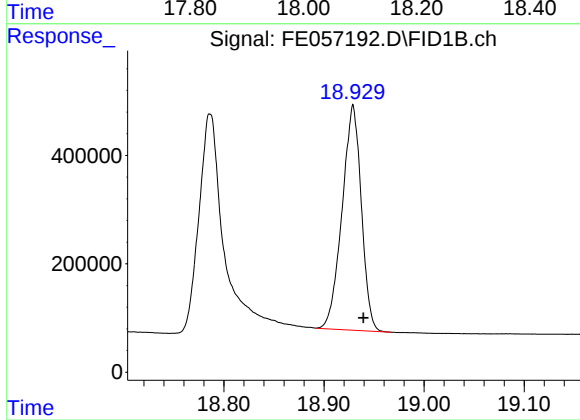
#17 n-Tricontane (C30)

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 5799529
Conc: 25.84 ug/ml

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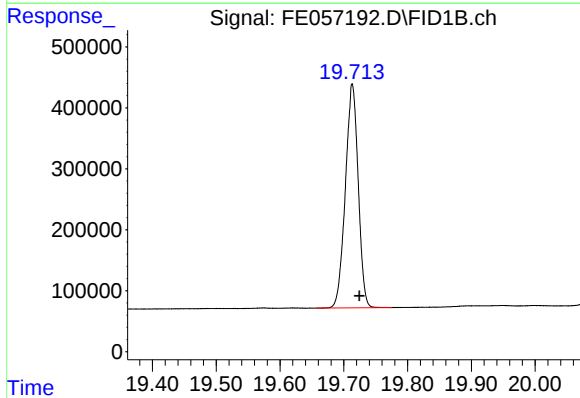
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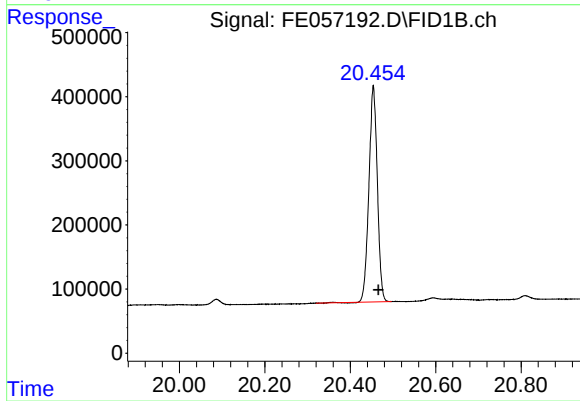
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.011 min
Response: 5555423
Conc: 23.80 ug/ml m



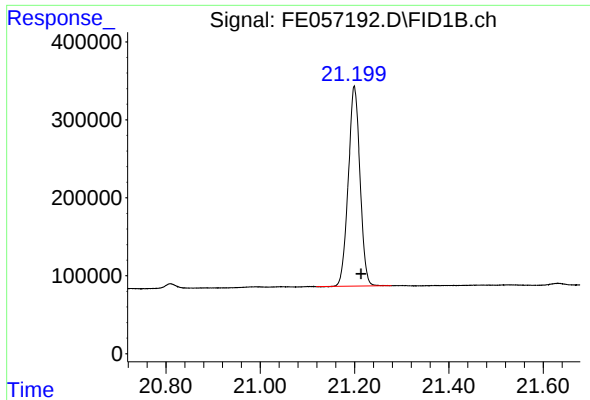
#19 n-Tetratriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.011 min
Response: 5131214
Conc: 24.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.454 min
Delta R.T.: -0.012 min
Response: 4611378
Conc: 24.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.014 min
Response: 4421142
Conc: 25.51 ug/ml

Instrument :

FID_E

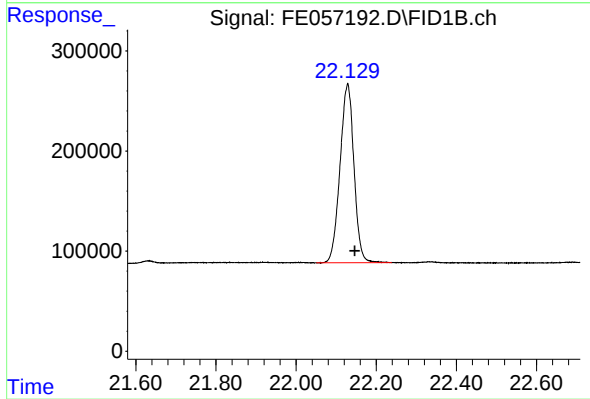
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#22 n-Tetracontane (C40)

R.T.: 22.128 min
Delta R.T.: -0.018 min
Response: 4308494
Conc: 25.57 ug/ml