

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057168.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 18:10
 Operator : YP\AJ
 Sample : Q3753-02MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-334-337MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/05/2025
 Supervised By :mohammad ahmed 12/08/2025

Integration File: autoint1.e
 Quant Time: Dec 05 00:25:21 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)	11.955	8829530	40.236 ug/mlm
Spiked Amount 50.000		Recovery =	80.47%
12) S 1-chlorooctadecane (S...	13.392	4636939	27.862 ug/mlm
Spiked Amount 50.000		Recovery =	55.72%
Target Compounds			
1) T n-Nonane (C9)	3.291	2709654	13.852 ug/ml
2) T n-Decane (C10)	4.545	3221512	15.928 ug/ml
3) T A~Naphthalene (C11.7)	6.263	4527867	22.490 ug/ml
4) T n-Dodecane (C12)	6.718	4390242	21.511 ug/ml
5) T A~2-methylnaphthalene...	7.363	4518269	23.514 ug/ml
6) T n-Tetradecane (C14)	8.557	5439325	27.024 ug/ml
7) T n-Hexadecane (C16)	10.179	5218050	25.445 ug/ml
8) T n-Octadecane (C18)	11.635	5546386	26.909 ug/mlm
10) T n-Eicosane (C20)	12.948	7071419	35.948 ug/ml
11) T n-Heneicosane (C21)	13.557	4817026	25.073 ug/ml
13) T n-Docosane (C22)	14.141	5190782	26.889 ug/ml
14) T n-Tetracosane (C24)	15.244	11150602	56.300 ug/ml
15) T n-Hexacosane (C26)	16.259	4739781	23.891 ug/ml
16) T n-Octacosane (C28)	17.210	5071632	24.679 ug/ml
17) T n-Tricontane (C30)	18.100	4532246	20.195 ug/ml
18) T n-Dotriacontane (C32)	18.933	4293285	18.392 ug/ml
19) T n-Tetratriacontane (C34)	19.718	4145186	19.408 ug/ml
20) T n-Hexatriacontane (C36)	20.459	3995720	21.467 ug/ml
21) T n-Octatriacontane (C38)	21.204	4068985	23.479 ug/ml
22) T n-Tetracontane (C40)	22.133	4178714	24.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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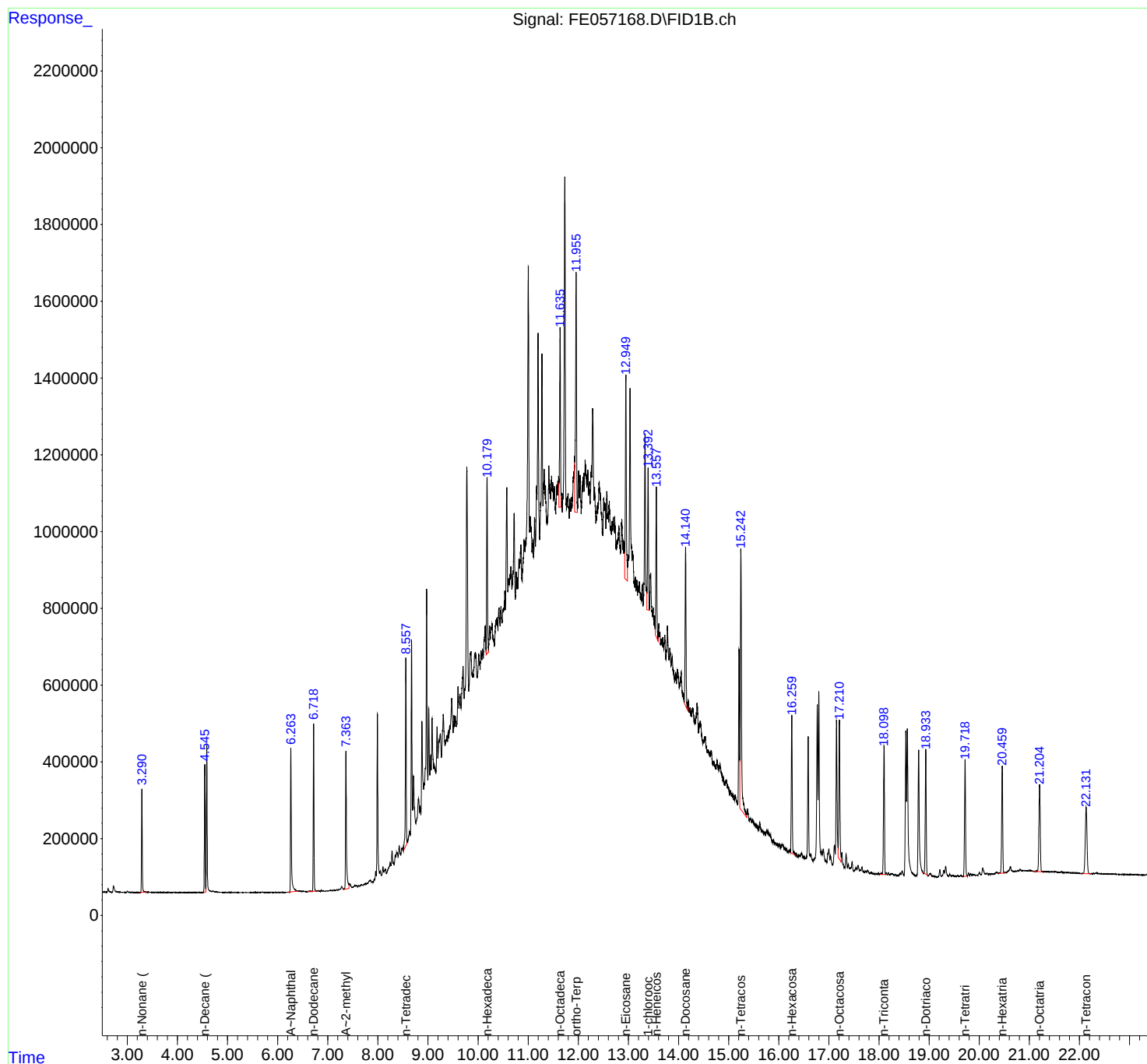
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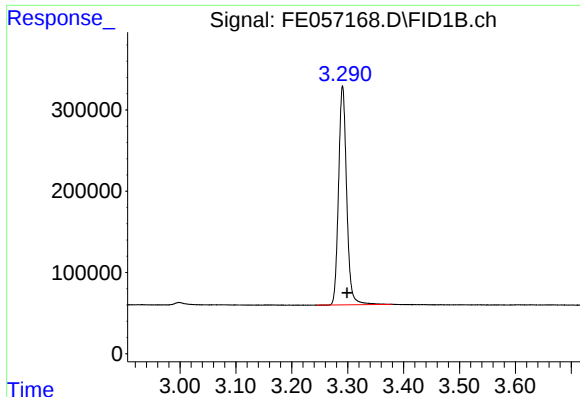
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.291 min
Delta R.T.: -0.008 min
Response: 2709654
Conc: 13.85 ug/ml

Instrument :

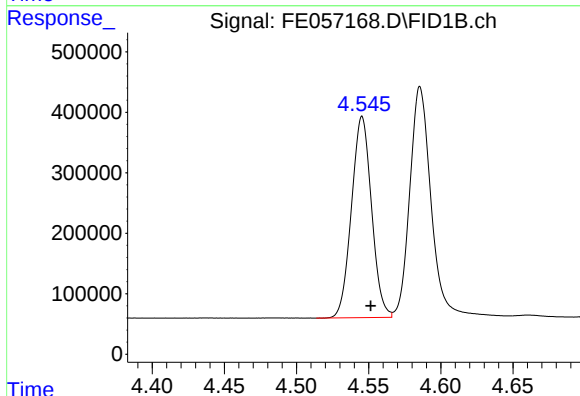
FID_E

ClientSampleId :

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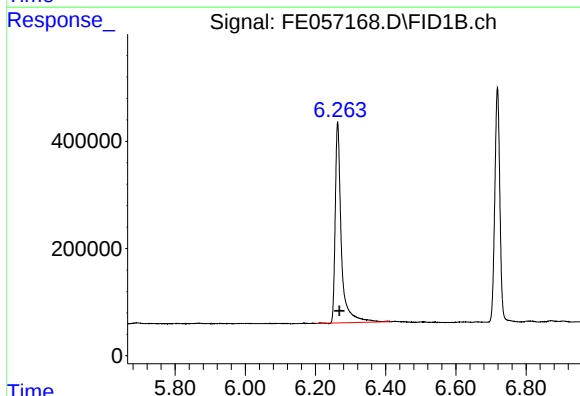
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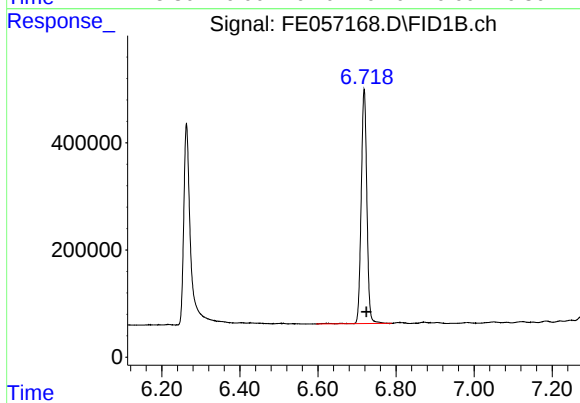
#2 n-Decane (C10)

R.T.: 4.545 min
Delta R.T.: -0.006 min
Response: 3221512
Conc: 15.93 ug/ml



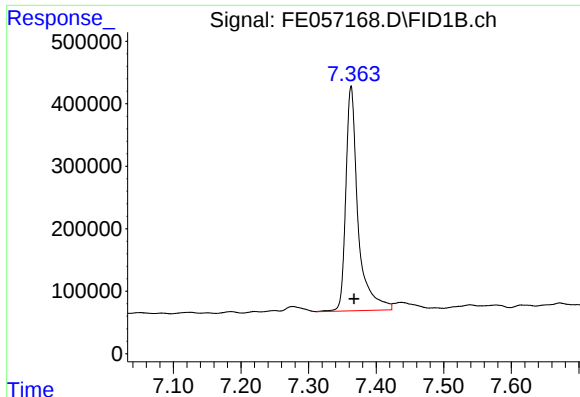
#3 A~Naphthalene (C11.7)

R.T.: 6.263 min
Delta R.T.: -0.005 min
Response: 4527867
Conc: 22.49 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.718 min
Delta R.T.: -0.006 min
Response: 4390242
Conc: 21.51 ug/ml



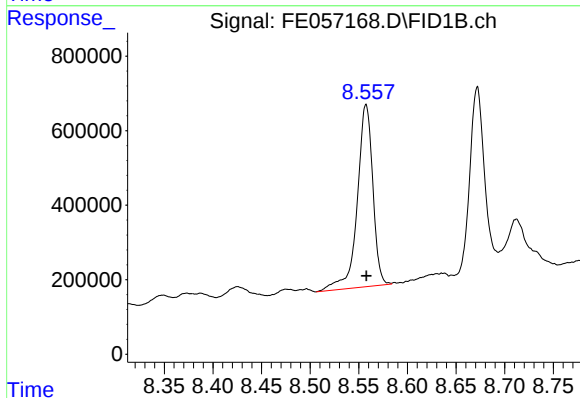
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.363 min
Delta R.T.: -0.005 min
Response: 4518269
Conc: 23.51 ug/ml

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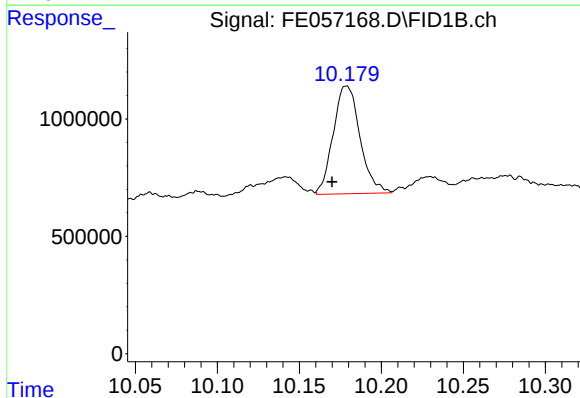
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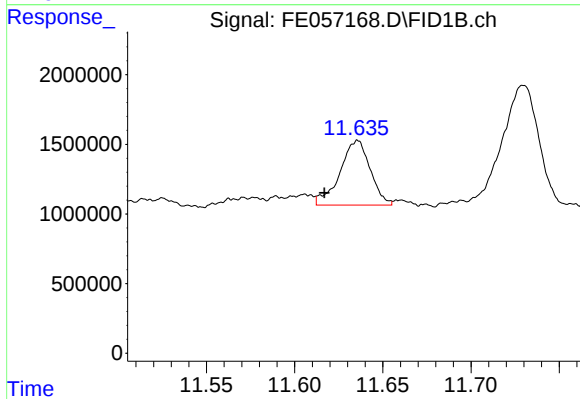
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 5439325
Conc: 27.02 ug/ml



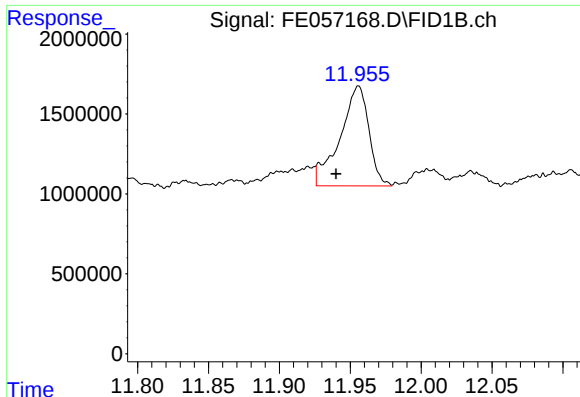
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.009 min
Response: 5218050
Conc: 25.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: 0.018 min
Response: 5546386
Conc: 26.91 ug/ml m



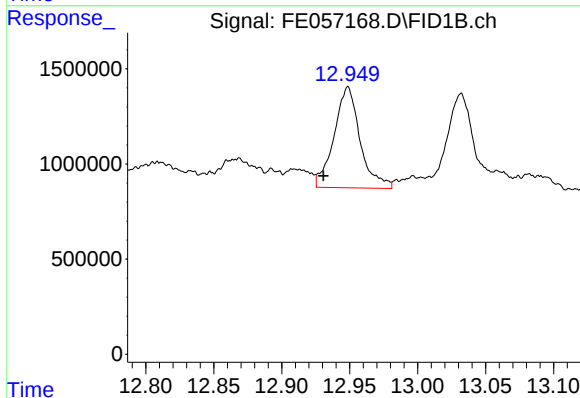
#9 ortho-Terphenyl (SURR)

R.T.: 11.955 min
Delta R.T.: 0.015 min
Response: 8829530
Conc: 40.24 ug/ml

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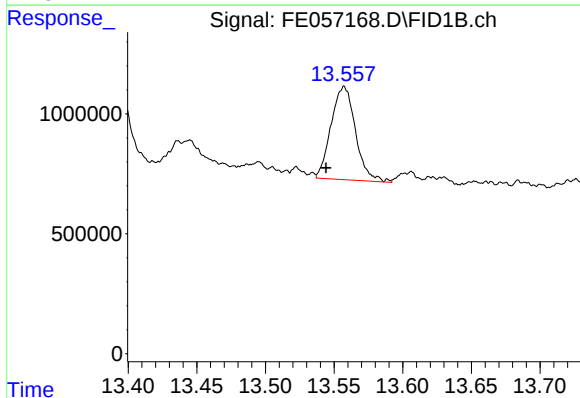
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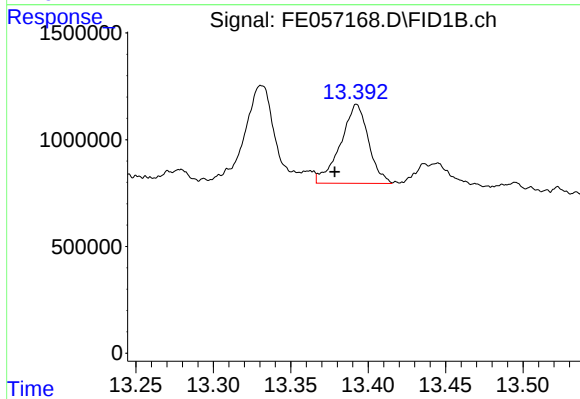
#10 n-Eicosane (C20)

R.T.: 12.948 min
Delta R.T.: 0.018 min
Response: 7071419
Conc: 35.95 ug/ml



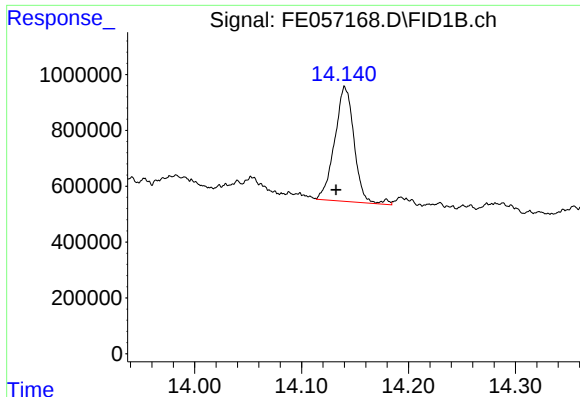
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: 0.013 min
Response: 4817026
Conc: 25.07 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: 0.014 min
Response: 4636939
Conc: 27.86 ug/ml m



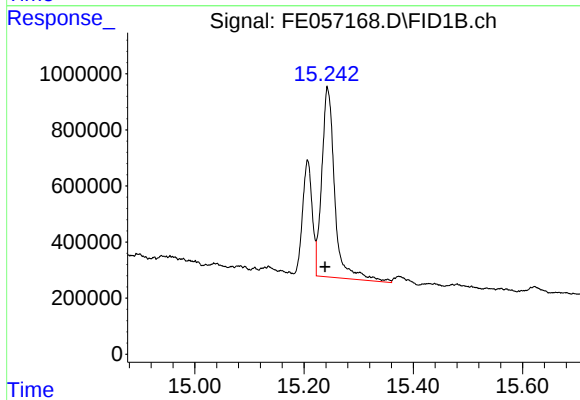
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.008 min
Response: 5190782
Conc: 26.89 ug/ml

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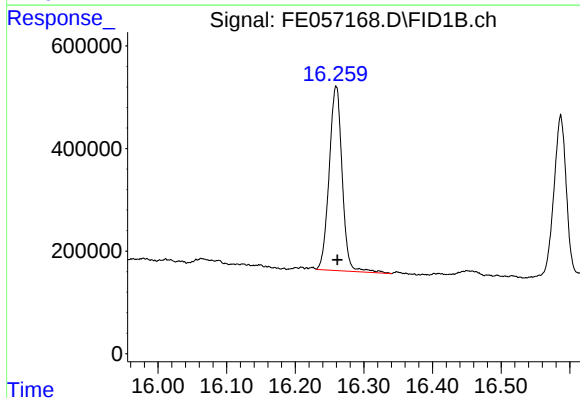
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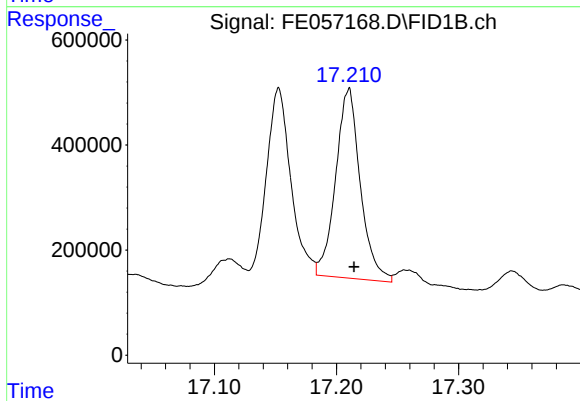
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.005 min
Response: 11150602
Conc: 56.30 ug/ml



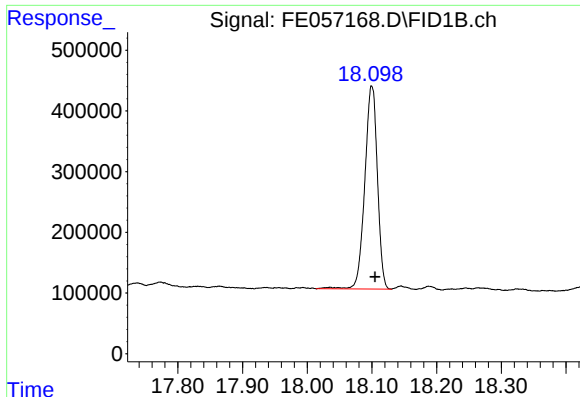
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.002 min
Response: 4739781
Conc: 23.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.210 min
Delta R.T.: -0.005 min
Response: 5071632
Conc: 24.68 ug/ml



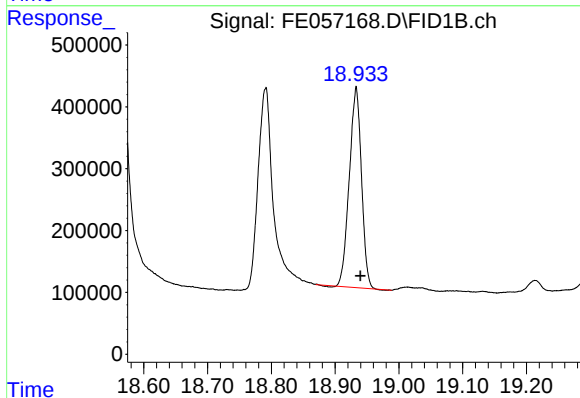
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: -0.005 min
Response: 4532246
Conc: 20.19 ug/ml

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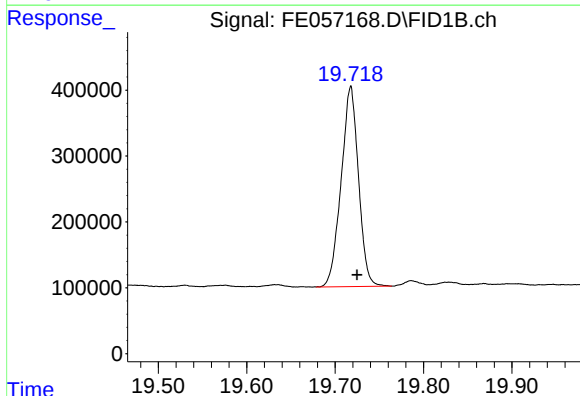
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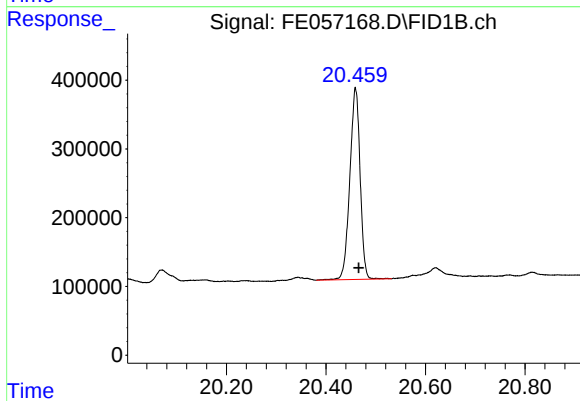
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: -0.007 min
Response: 4293285
Conc: 18.39 ug/ml



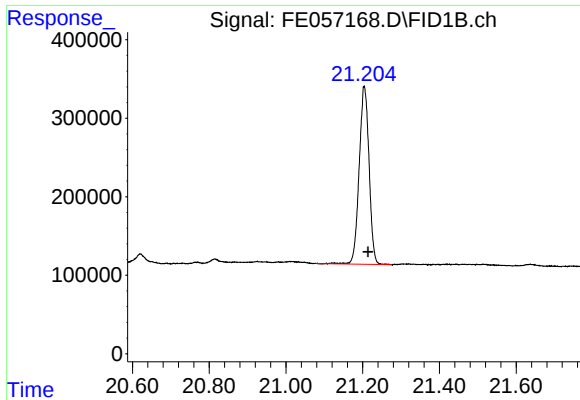
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.007 min
Response: 4145186
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.459 min
Delta R.T.: -0.007 min
Response: 3995720
Conc: 21.47 ug/ml



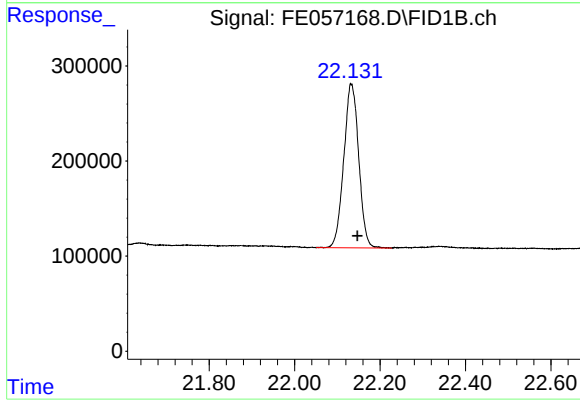
#21 n-Octatriacontane (C38)

R.T.: 21.204 min
Delta R.T.: -0.010 min
Response: 4068985
Conc: 23.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.133 min
Delta R.T.: -0.014 min
Response: 4178714
Conc: 24.80 ug/ml