

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112425AL\
 Data File : FE057003.D
 Signal(s) : FID1B.ch
 Acq On : 24 Nov 2025 17:13
 Operator : YP\AJ
 Sample : Q3707-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 V933MS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/25/2025
 Supervised By :mohammad ahmed 11/26/2025

Integration File: sample.E
 Quant Time: Nov 25 01:18:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.944	5394438	25.821 ug/ml
Spiked Amount 50.000		Recovery =	51.64%
12) S 1-chlorooctadecane (S...	13.381	3681550	22.850 ug/ml
Spiked Amount 50.000		Recovery =	45.70%
Target Compounds			
1) T n-Nonane (C9)	3.303	4282192	25.495 ug/ml
2) T n-Decane (C10)	4.558	4803374	27.993 ug/ml
3) T A~Naphthalene (C11.7)	6.273	5986089	32.430 ug/ml
4) T n-Dodecane (C12)	6.729	5563062	31.984 ug/ml
5) T A~2-methylnaphthalene...	7.372	5776695	32.596 ug/ml
6) T n-Tetradecane (C14)	8.565	6386329	36.587 ug/ml
7) T n-Hexadecane (C16)	10.175	6870217	37.551 ug/ml
8) T n-Octadecane (C18)	11.622	6994104	36.953 ug/ml
10) T n-Eicosane (C20)	12.936	6951712	37.302 ug/ml
11) T n-Heneicosane (C21)	13.549	6829812	37.142 ug/ml
13) T n-Docosane (C22)	14.136	6771914	36.175 ug/ml
14) T n-Tetracosane (C24)	15.245	14536792	74.219 ug/ml
15) T n-Hexacosane (C26)	16.267	6551766	33.713 ug/ml
16) T n-Octacosane (C28)	17.218	6597777	34.069 ug/ml
17) T n-Tricontane (C30)	18.109	6291558	31.380 ug/ml
18) T n-Dotriacontane (C32)	18.942	6286075	31.966 ug/ml
19) T n-Tetratriacontane (C34)	19.727	6170694	35.749 ug/ml
20) T n-Hexatriacontane (C36)	20.467	6081687	42.042 ug/mlm
21) T n-Octatriacontane (C38)	21.217	6222057	49.436 ug/ml
22) T n-Tetracontane (C40)	22.150	6555777	56.704 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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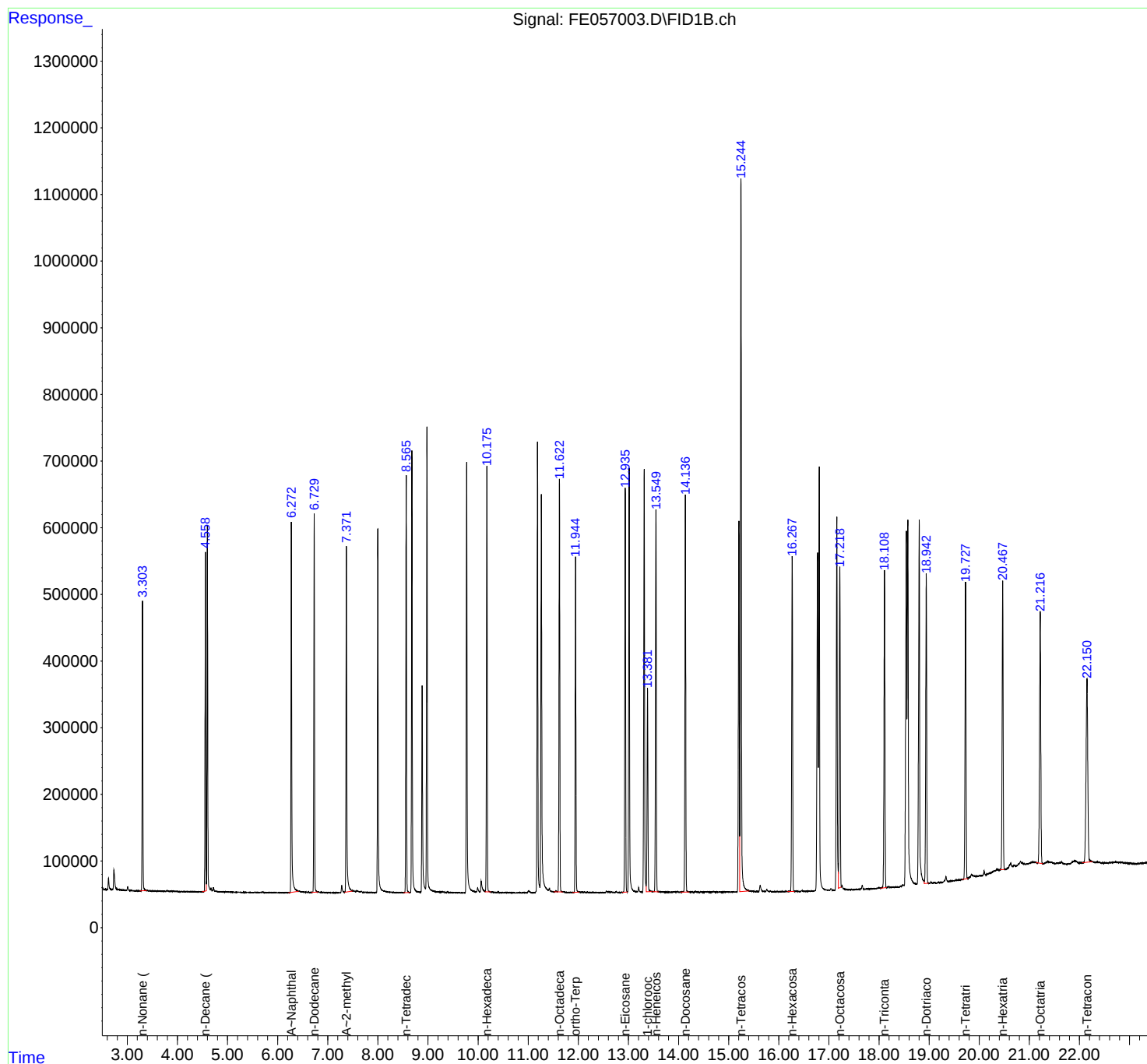
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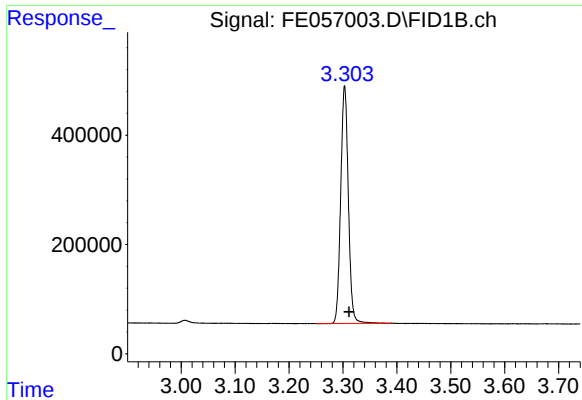
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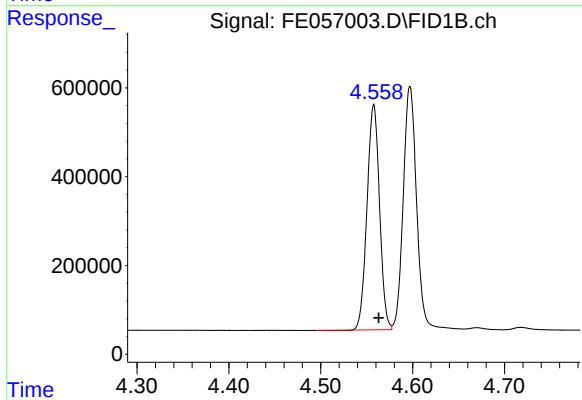
#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.008 min
Response: 4282192
Conc: 25.49 ug/ml

Instrument :
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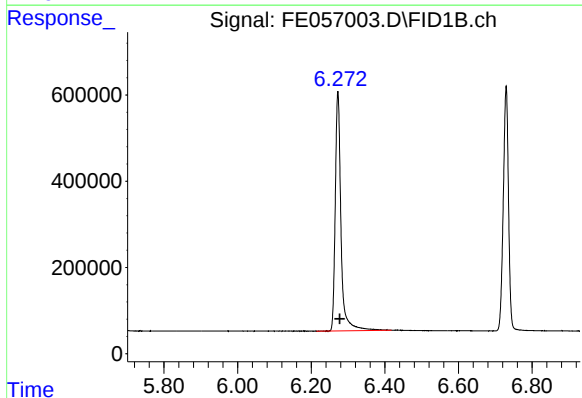
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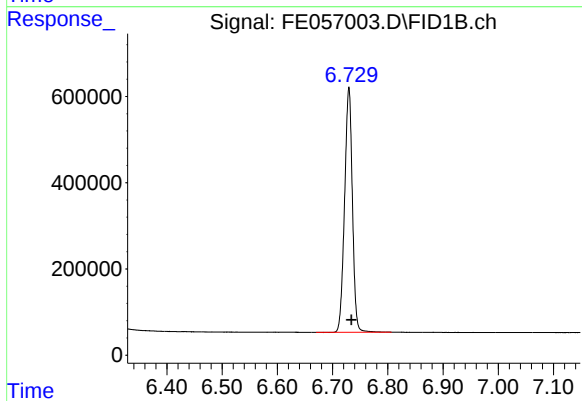
#2 n-Decane (C10)

R.T.: 4.558 min
Delta R.T.: -0.005 min
Response: 4803374
Conc: 27.99 ug/ml



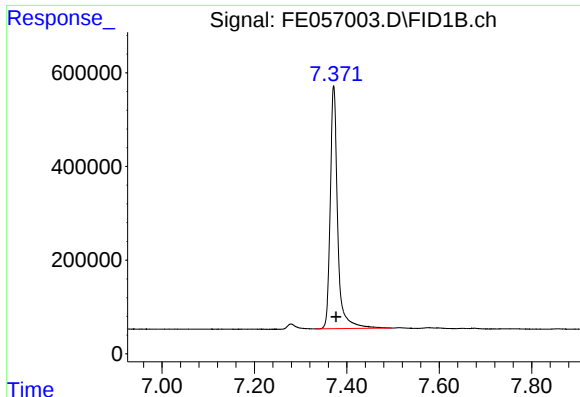
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.005 min
Response: 5986089
Conc: 32.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.729 min
Delta R.T.: -0.005 min
Response: 5563062
Conc: 31.98 ug/ml



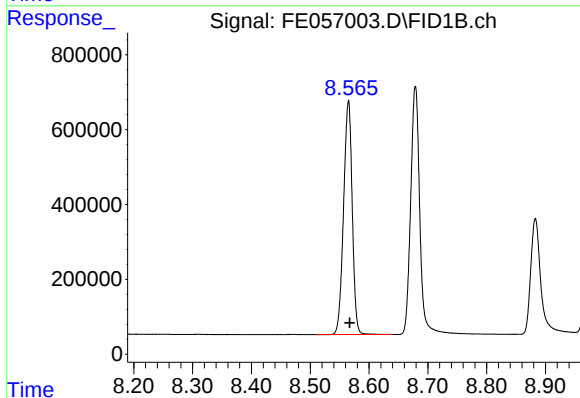
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: -0.005 min
Response: 5776695
Conc: 32.60 ug/ml

Instrument :
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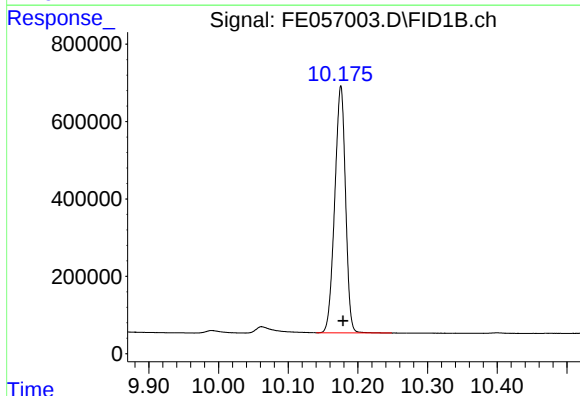
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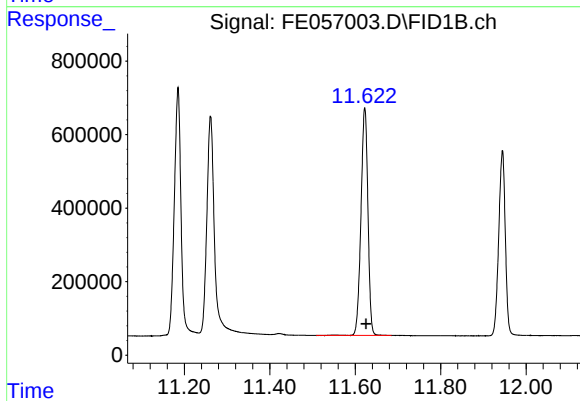
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: -0.002 min
Response: 6386329
Conc: 36.59 ug/ml



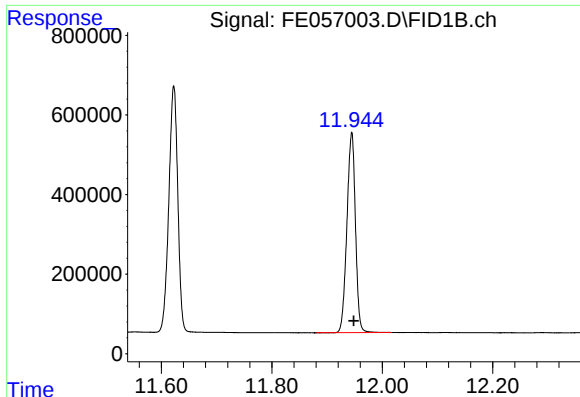
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.003 min
Response: 6870217
Conc: 37.55 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.003 min
Response: 6994104
Conc: 36.95 ug/ml



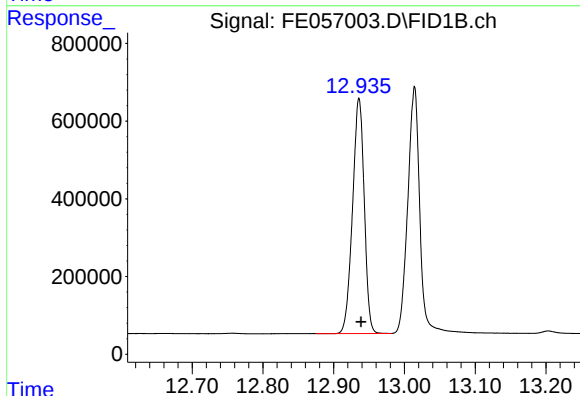
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: -0.004 min
Response: 5394438
Conc: 25.82 ug/ml

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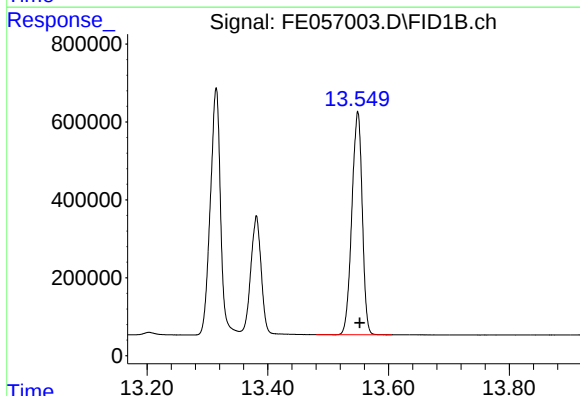
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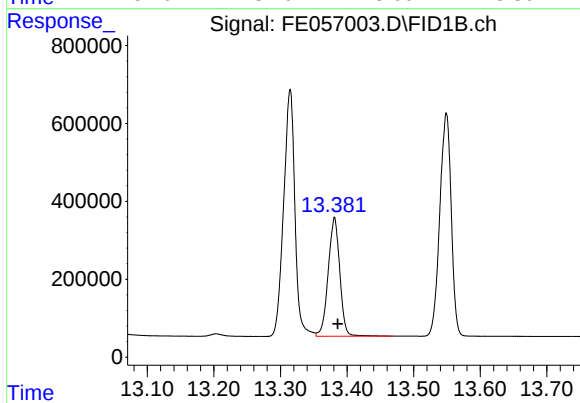
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.003 min
Response: 6951712
Conc: 37.30 ug/ml



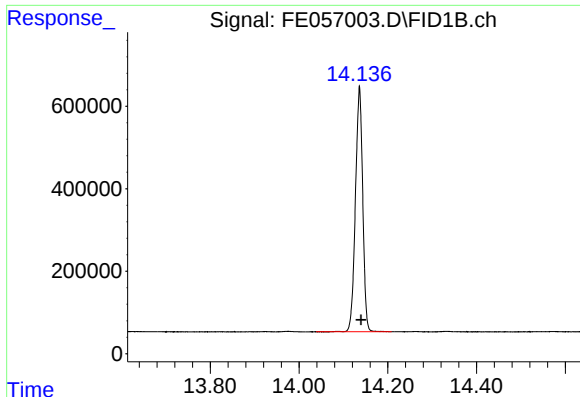
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.004 min
Response: 6829812
Conc: 37.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: -0.005 min
Response: 3681550
Conc: 22.85 ug/ml



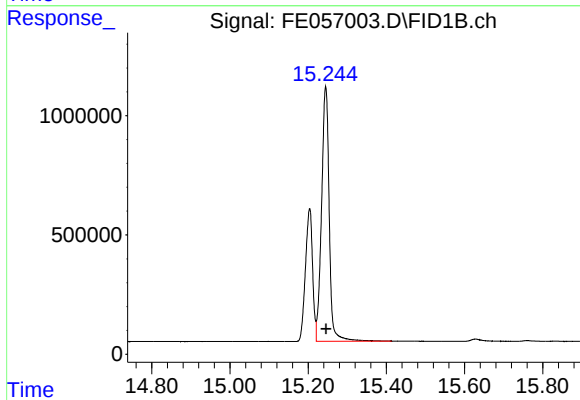
#13 n-Docosane (C22)

R.T.: 14.136 min
Delta R.T.: -0.004 min
Response: 6771914
Conc: 36.17 ug/ml

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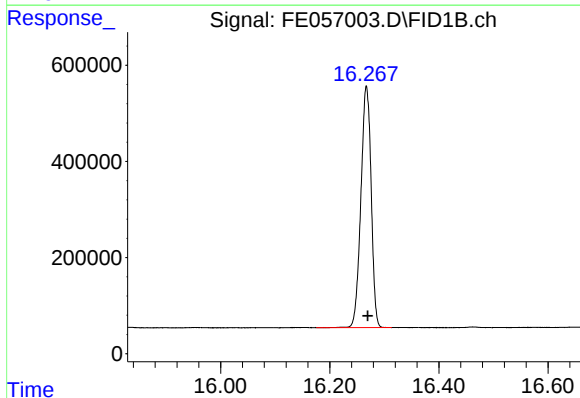
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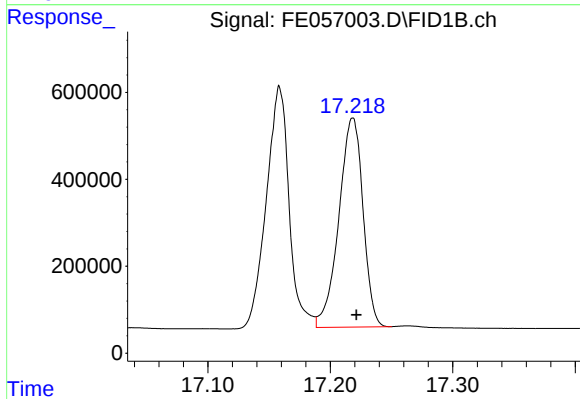
#14 n-Tetracosane (C24)

R.T.: 15.245 min
Delta R.T.: -0.001 min
Response: 14536792
Conc: 74.22 ug/ml



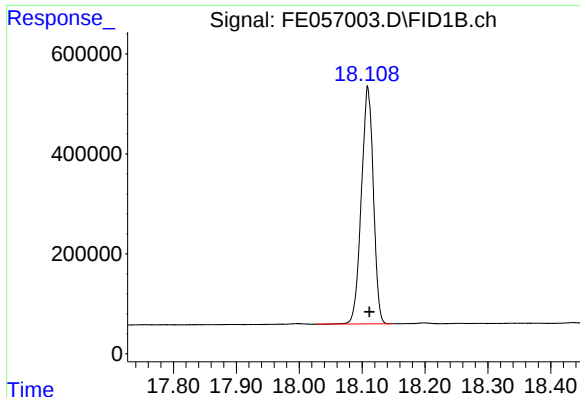
#15 n-Hexacosane (C26)

R.T.: 16.267 min
Delta R.T.: -0.002 min
Response: 6551766
Conc: 33.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.218 min
Delta R.T.: -0.003 min
Response: 6597777
Conc: 34.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.109 min
Delta R.T.: -0.002 min
Response: 6291558
Conc: 31.38 ug/ml

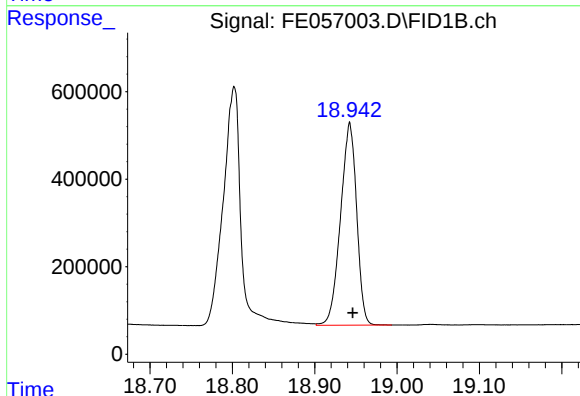
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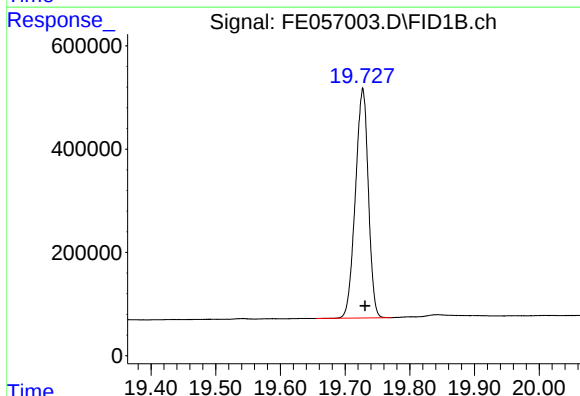
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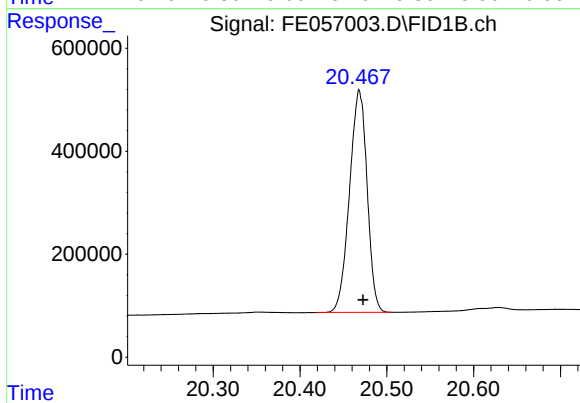
#18 n-Dotriacontane (C32)

R.T.: 18.942 min
Delta R.T.: -0.004 min
Response: 6286075
Conc: 31.97 ug/ml



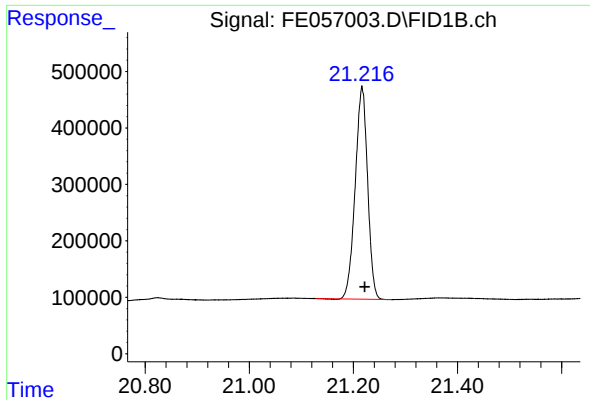
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
Delta R.T.: -0.004 min
Response: 6170694
Conc: 35.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.467 min
Delta R.T.: -0.005 min
Response: 6081687
Conc: 42.04 ug/ml m



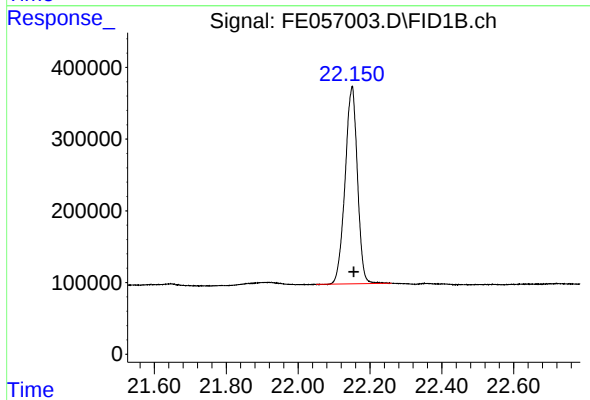
#21 n-Octatriacontane (C38)

R.T.: 21.217 min
Delta R.T.: -0.005 min
Response: 6222057
Conc: 49.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.150 min
Delta R.T.: -0.005 min
Response: 6555777
Conc: 56.70 ug/ml