

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111925AL\
 Data File : FE056947.D
 Signal(s) : FID1B.ch
 Acq On : 19 Nov 2025 20:41
 Operator : YP\AJ
 Sample : Q3669-01MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-01-11182025MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/20/2025
 Supervised By :Sohil Jodhani 11/20/2025

Integration File: sample.E
 Quant Time: Nov 20 01:27:45 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)	11.951	7602978	36.393 ug/mlm
Spiked Amount 50.000		Recovery =	72.79%
12) S 1-chlorooctadecane (S...	13.388	9124954	56.636 ug/ml
Spiked Amount 50.000		Recovery =	113.27%
Target Compounds			
1) T n-Nonane (C9)	3.306	3047091	18.141 ug/ml
2) T n-Decane (C10)	4.561	3926331	22.881 ug/ml
3) T A~Naphthalene (C11.7)	6.277	5382862	29.162 ug/ml
4) T n-Dodecane (C12)	6.735	6122815	35.203 ug/ml
5) T A~2-methylnaphthalene...	7.377	6370614	35.947 ug/ml
6) T n-Tetradecane (C14)	8.570	8621119	49.390 ug/ml
7) T n-Hexadecane (C16)	10.181	8310258	45.422 ug/ml
8) T n-Octadecane (C18)	11.629	7540290	39.839 ug/ml
10) T n-Eicosane (C20)	12.941	6972621	37.414 ug/ml
11) T n-Heneicosane (C21)	13.554	6450636	35.080 ug/ml
13) T n-Docosane (C22)	14.143	6242356	33.346 ug/ml
14) T n-Tetracosane (C24)	15.250	11481522	58.620 ug/ml
15) T n-Hexacosane (C26)	16.273	5644230	29.043 ug/ml
16) T n-Octacosane (C28)	17.224	5060678	26.132 ug/ml
17) T n-Tricontane (C30)	18.117	5359937	26.733 ug/ml
18) T n-Dotriacontane (C32)	18.951	6879438	34.983 ug/mlm
19) T n-Tetratriacontane (C34)	19.737	5755907	33.346 ug/ml
20) T n-Hexatriacontane (C36)	20.481	5324325	36.807 ug/ml
21) T n-Octatriacontane (C38)	21.234	4757762	37.802 ug/mlm
22) T n-Tetracontane (C40)	22.172	5295921	45.807 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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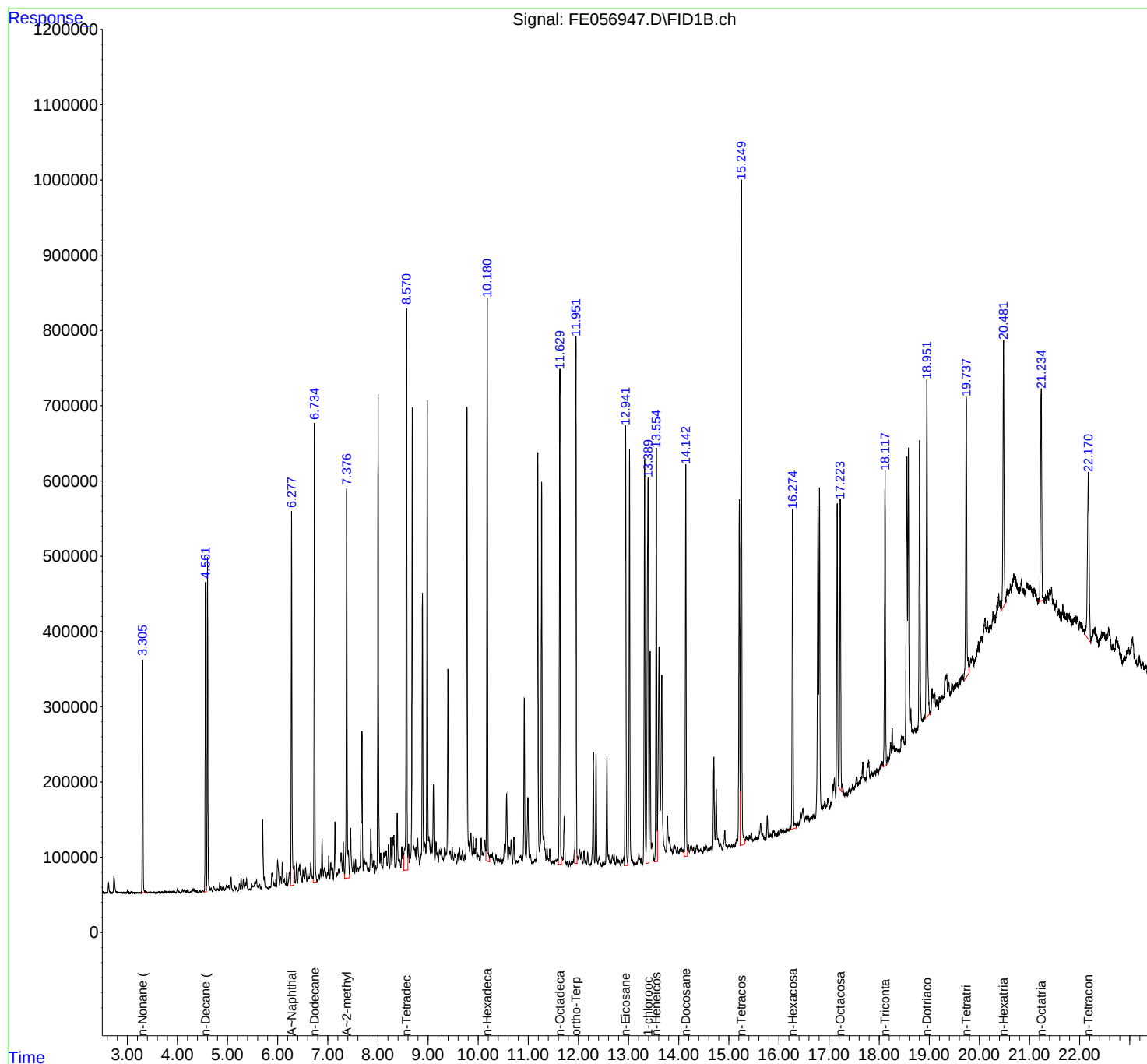
Instrument :
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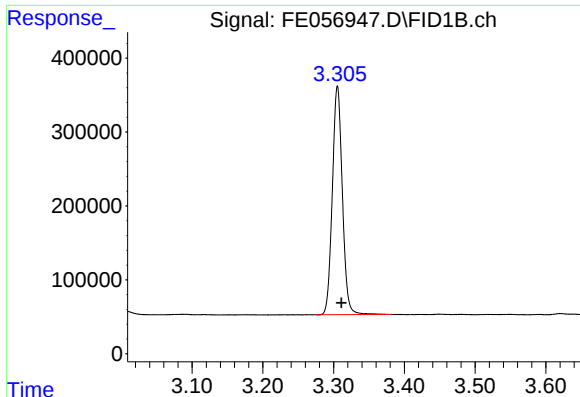
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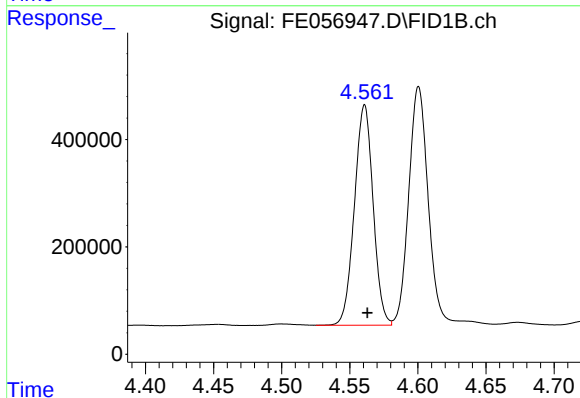
#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.005 min
Response: 3047091
Conc: 18.14 ug/ml

Instrument :
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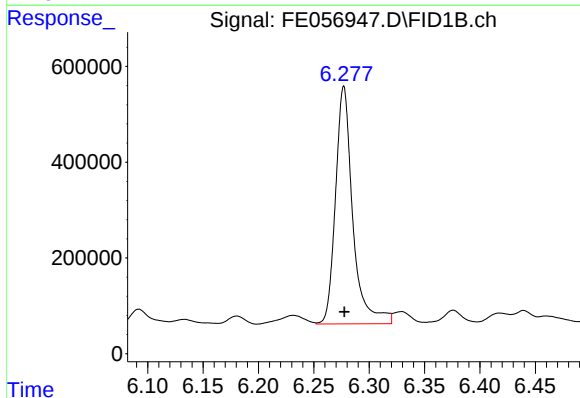
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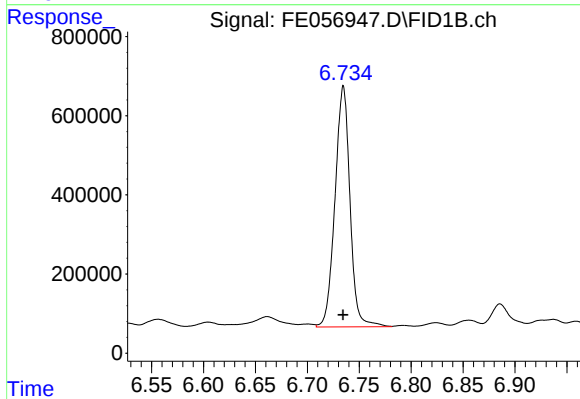
#2 n-Decane (C10)

R.T.: 4.561 min
Delta R.T.: -0.002 min
Response: 3926331
Conc: 22.88 ug/ml



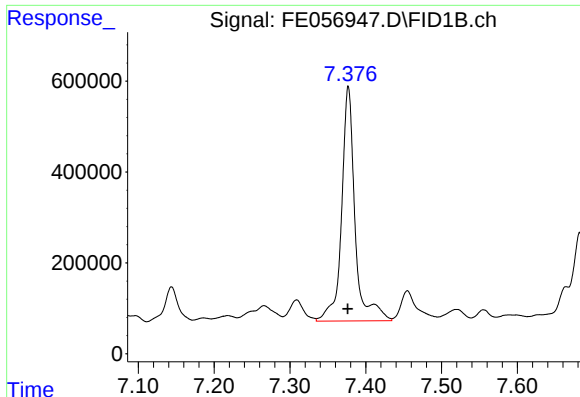
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: 0.000 min
Response: 5382862
Conc: 29.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 6122815
Conc: 35.20 ug/ml



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

R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 6370614
Conc: 35.95 ug/ml

Instrument :

FID_E

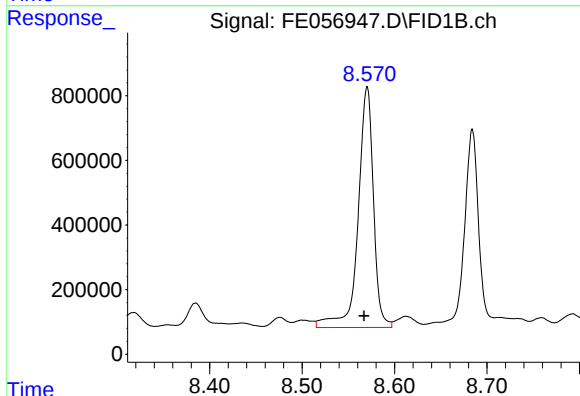
ClientSampleId :

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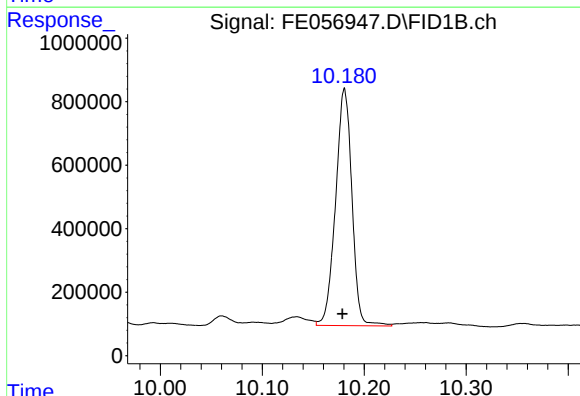
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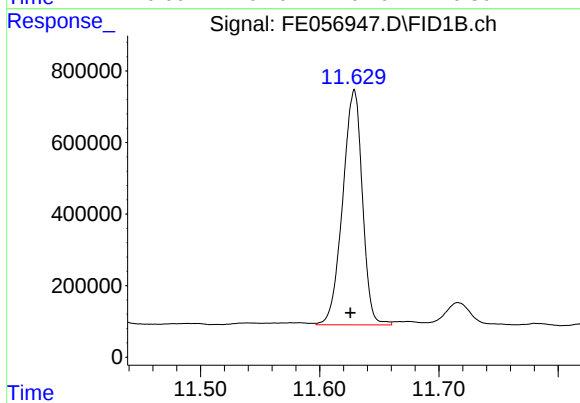
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: 0.003 min
Response: 8621119
Conc: 49.39 ug/ml



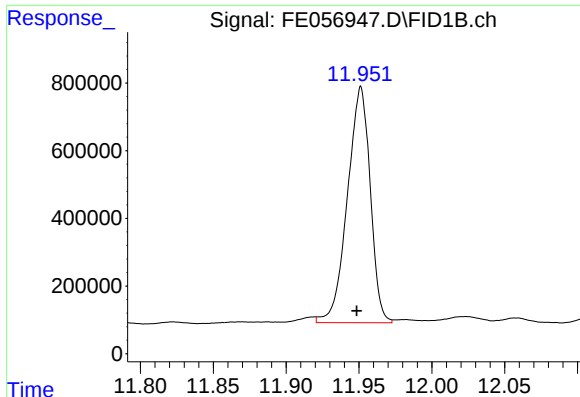
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: 0.002 min
Response: 8310258
Conc: 45.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.629 min
Delta R.T.: 0.003 min
Response: 7540290
Conc: 39.84 ug/ml



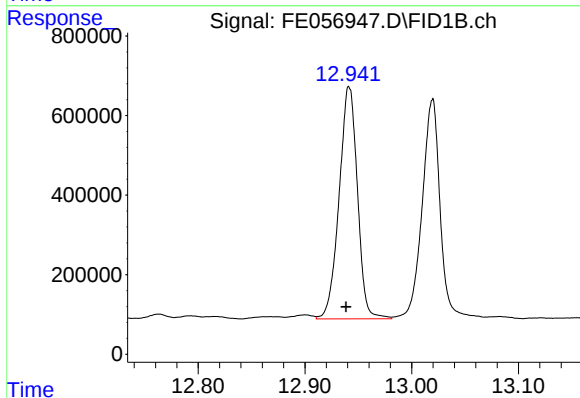
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: 0.002 min
Response: 7602978
Conc: 36.39 ug/ml

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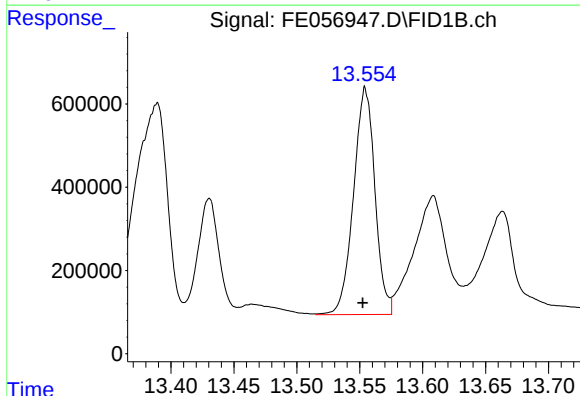
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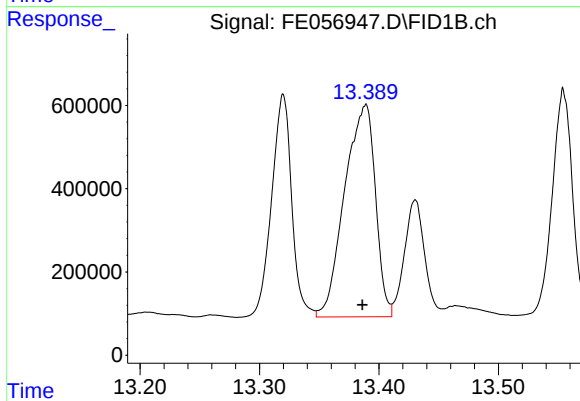
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: 0.003 min
Response: 6972621
Conc: 37.41 ug/ml



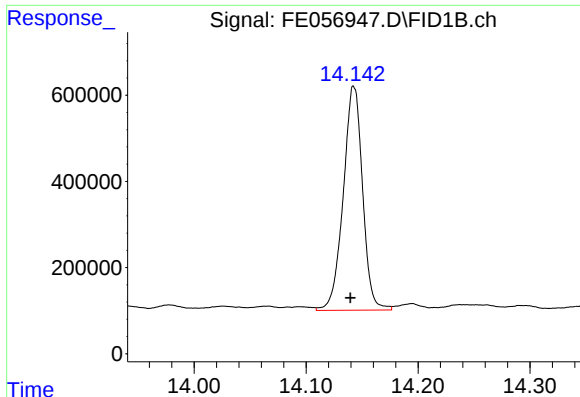
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.002 min
Response: 6450636
Conc: 35.08 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.002 min
Response: 9124954
Conc: 56.64 ug/ml



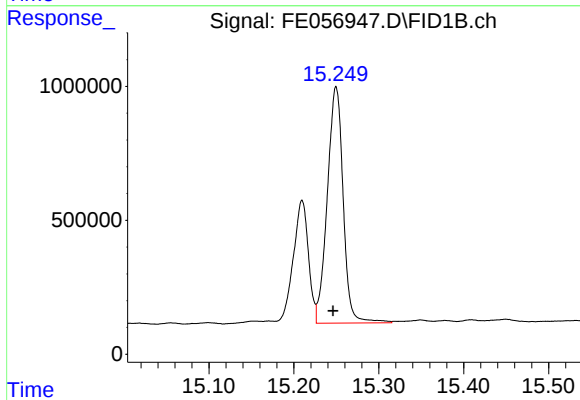
#13 n-Docosane (C22)

R.T.: 14.143 min
Delta R.T.: 0.003 min
Response: 6242356
Conc: 33.35 ug/ml

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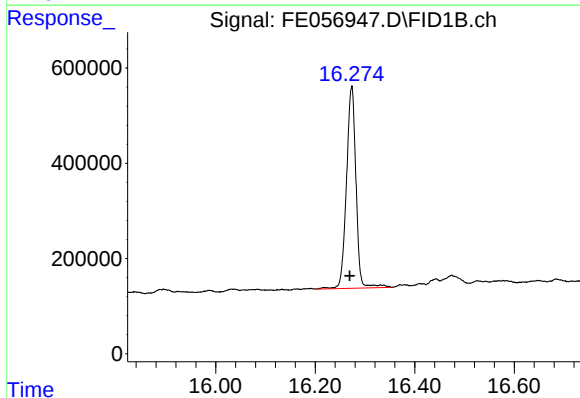
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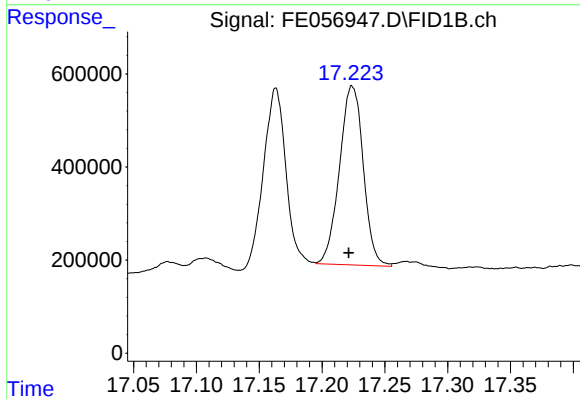
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: 0.003 min
Response: 11481522
Conc: 58.62 ug/ml



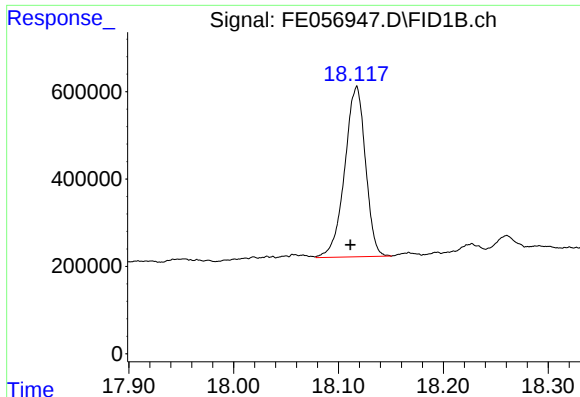
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: 0.003 min
Response: 5644230
Conc: 29.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: 0.003 min
Response: 5060678
Conc: 26.13 ug/ml



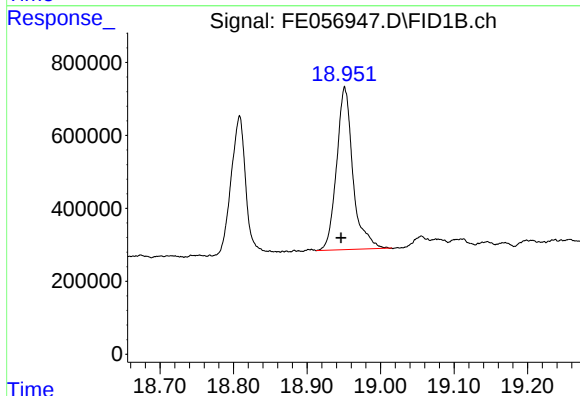
#17 n-Tricontane (C30)

R.T.: 18.117 min
Delta R.T.: 0.006 min
Response: 5359937
Conc: 26.73 ug/ml

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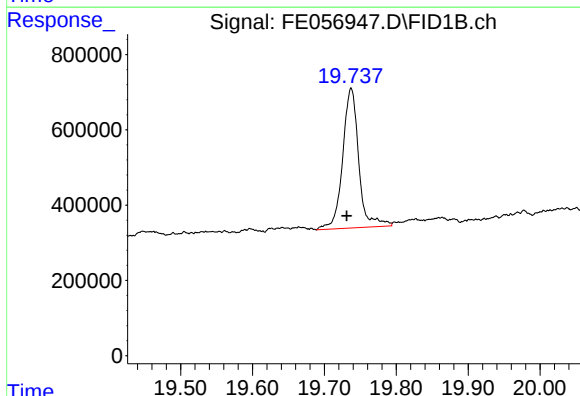
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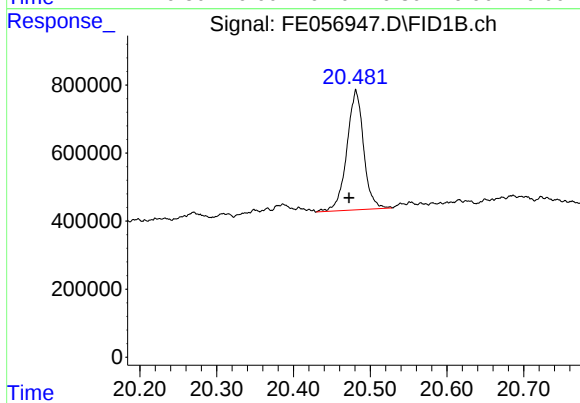
#18 n-Dotriacontane (C32)

R.T.: 18.951 min
Delta R.T.: 0.005 min
Response: 6879438
Conc: 34.98 ug/ml m



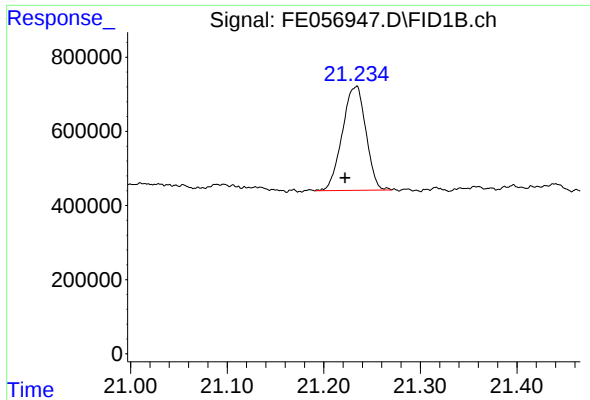
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: 0.006 min
Response: 5755907
Conc: 33.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.481 min
Delta R.T.: 0.009 min
Response: 5324325
Conc: 36.81 ug/ml



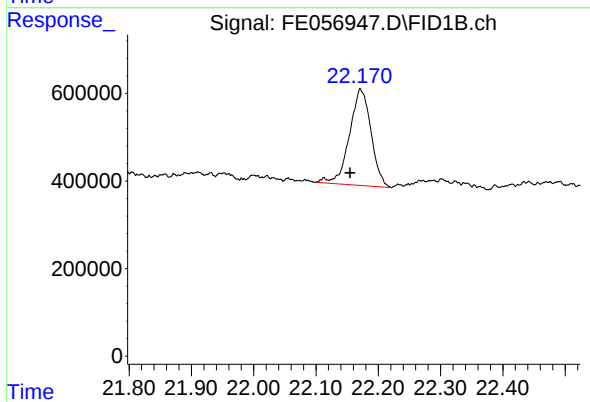
#21 n-Octatriacontane (C38)

R.T.: 21.234 min
Delta R.T.: 0.013 min
Response: 4757762
Conc: 37.80 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.172 min
Delta R.T.: 0.017 min
Response: 5295921
Conc: 45.81 ug/ml