

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102925AL\
 Data File : FE056563.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2025 13:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File: sample.E
 Quant Time: Oct 30 01:26:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 28 14:34:40 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)	11.980	3575020	17.500 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
12) S 1-chlorooctadecane (S...	13.419	2670512	17.502 ug/ml
Spiked Amount 50.000		Recovery =	35.00%
Target Compounds			
1) T n-Nonane (C9)	3.336	2884572	17.697 ug/ml
2) T n-Decane (C10)	4.589	3196658	19.438 ug/ml
3) T A~Naphthalene (C11.7)	6.302	3323179	18.799 ug/ml
4) T n-Dodecane (C12)	6.761	3311623	19.738 ug/ml
5) T A~2-methylnaphthalene...	7.402	3195022	19.175 ug/ml
6) T n-Tetradecane (C14)	8.597	3235943	19.478 ug/ml
7) T n-Hexadecane (C16)	10.210	3318152	18.965 ug/ml
8) T n-Octadecane (C18)	11.658	3347051	18.349 ug/ml
10) T n-Eicosane (C20)	12.972	3157422	17.733 ug/ml
11) T n-Heneicosane (C21)	13.587	3074180	17.522 ug/ml
13) T n-Docosane (C22)	14.174	3061119	17.293 ug/ml
14) T n-Tetracosane (C24)	15.281	3072409	16.887 ug/ml
15) T n-Hexacosane (C26)	16.305	3025314	16.853 ug/ml
16) T n-Octacosane (C28)	17.257	3027441	17.018 ug/ml
17) T n-Tricontane (C30)	18.146	3224060	17.757 ug/ml
18) T n-Dotriacontane (C32)	18.981	3243991	18.400 ug/ml
19) T n-Tetratriacontane (C34)	19.766	2921811	18.875 ug/ml
20) T n-Hexatriacontane (C36)	20.508	2518010	20.155 ug/ml
21) T n-Octatriacontane (C38)	21.263	2280863	21.831 ug/mlm
22) T n-Tetracontane (C40)	22.211	2194896	24.188 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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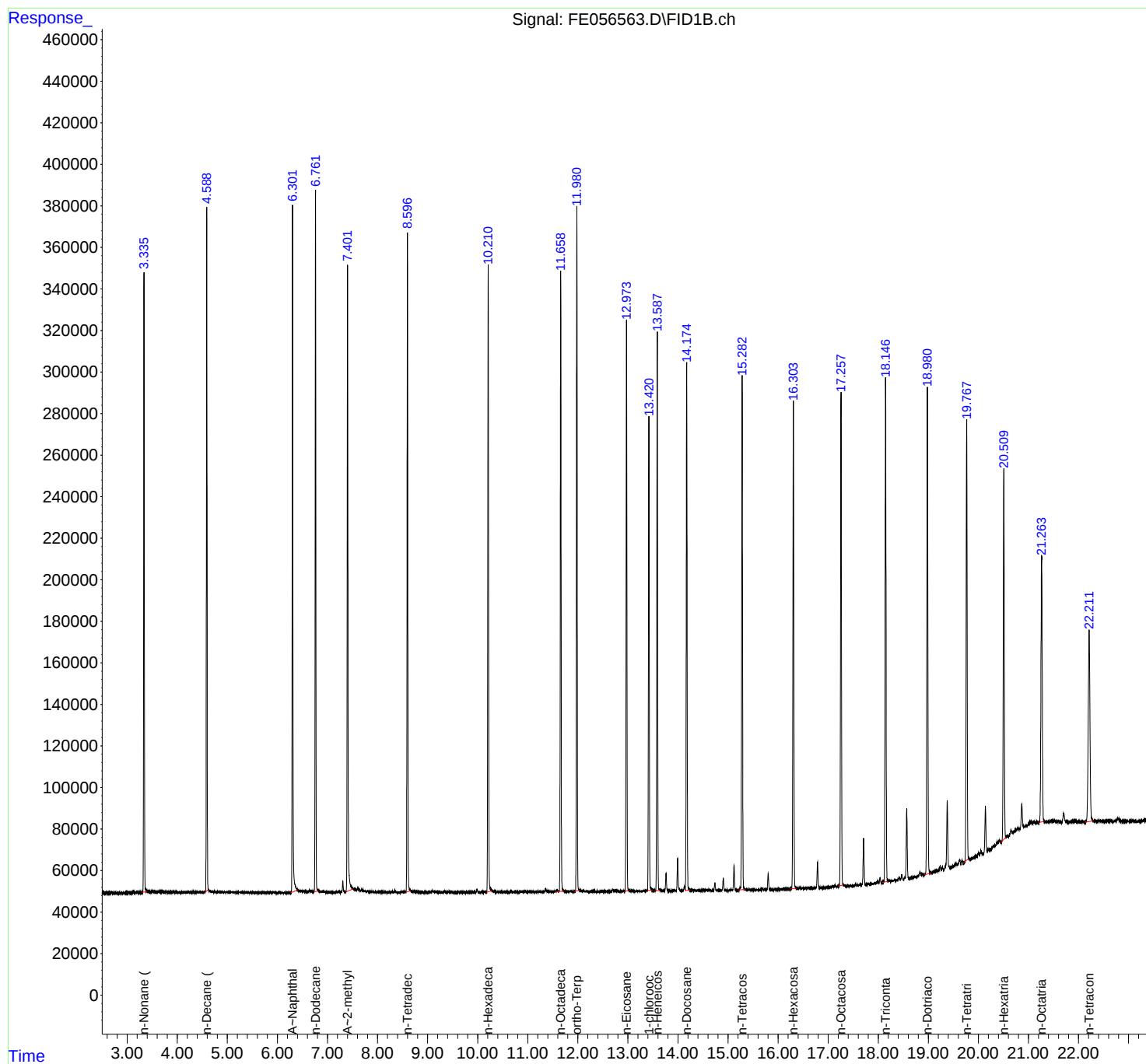
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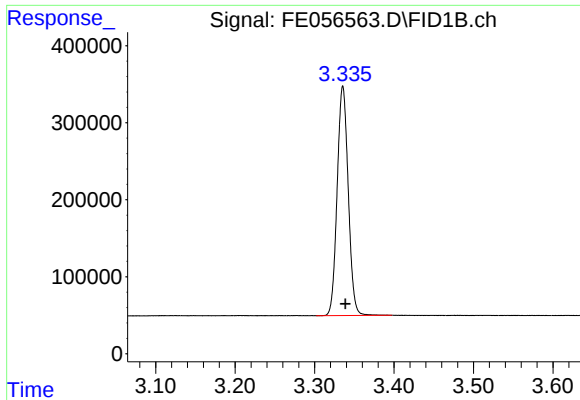
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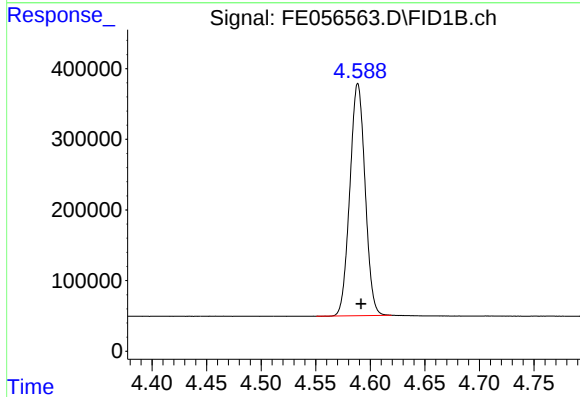
#1 n-Nonane (C9)

R.T.: 3.336 min
Delta R.T.: -0.003 min
Response: 2884572
Conc: 17.70 ug/ml

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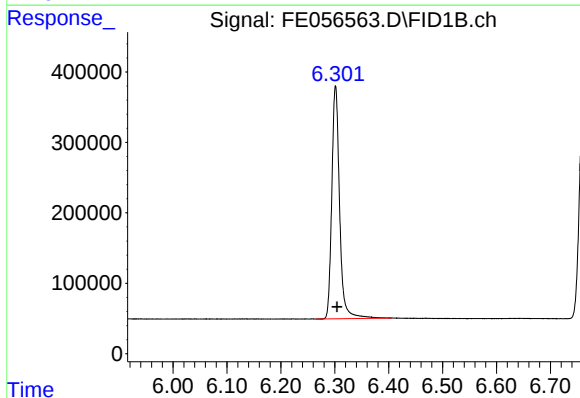
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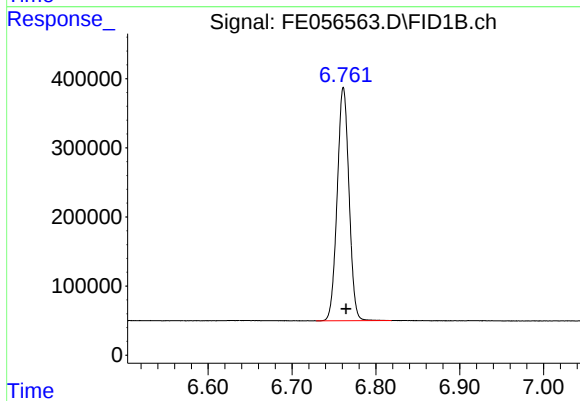
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: -0.003 min
Response: 3196658
Conc: 19.44 ug/ml



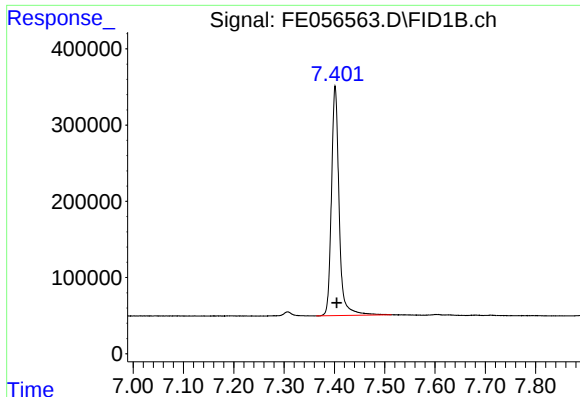
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: -0.003 min
Response: 3323179
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 3311623
Conc: 19.74 ug/ml



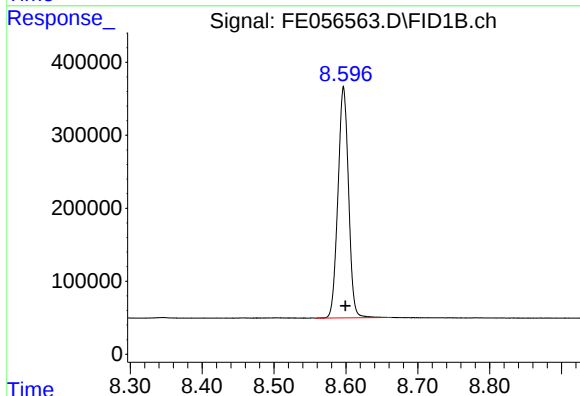
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.402 min
Delta R.T.: -0.003 min
Response: 3195022
Conc: 19.18 ug/ml

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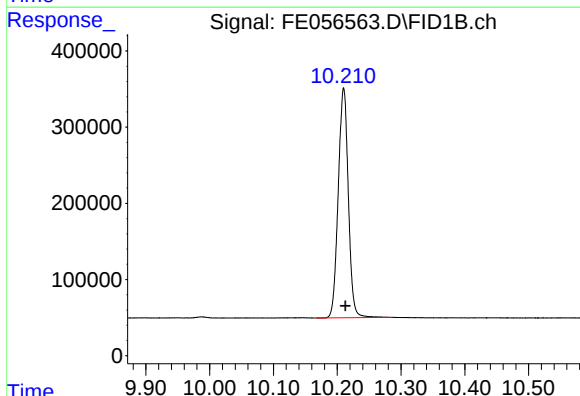
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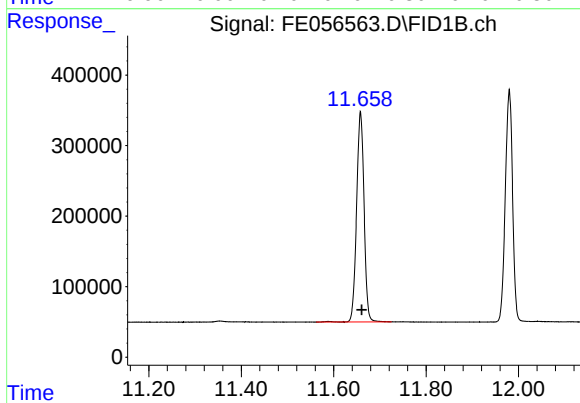
#6 n-Tetradecane (C14)

R.T.: 8.597 min
Delta R.T.: -0.003 min
Response: 3235943
Conc: 19.48 ug/ml



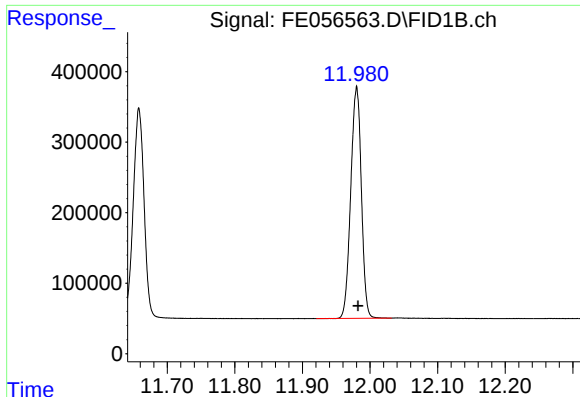
#7 n-Hexadecane (C16)

R.T.: 10.210 min
Delta R.T.: -0.003 min
Response: 3318152
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: -0.003 min
Response: 3347051
Conc: 18.35 ug/ml



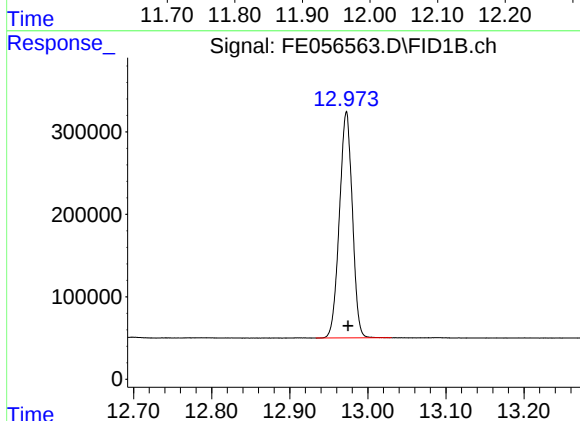
#9 ortho-Terphenyl (SURR)

R.T.: 11.980 min
Delta R.T.: -0.002 min
Response: 3575020
Conc: 17.50 ug/ml

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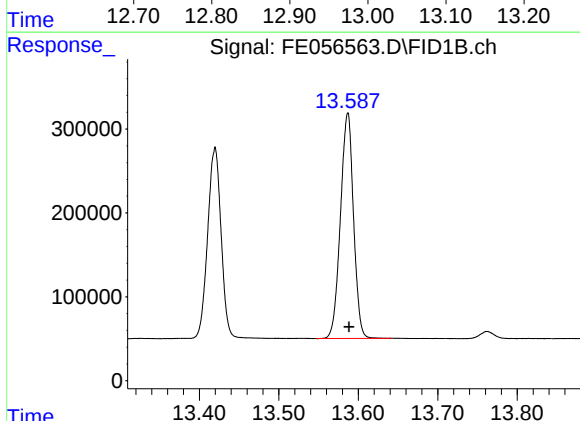
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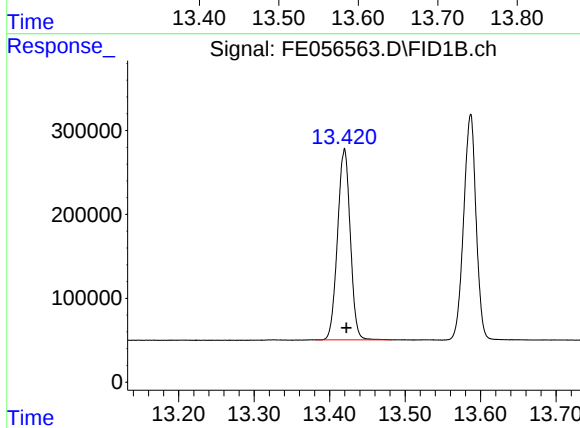
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: -0.002 min
Response: 3157422
Conc: 17.73 ug/ml



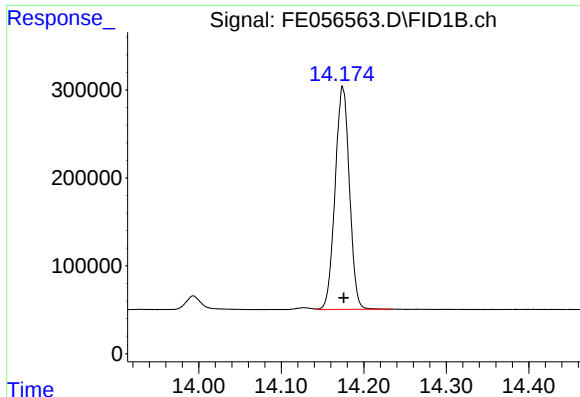
#11 n-Heneicosane (C21)

R.T.: 13.587 min
Delta R.T.: -0.002 min
Response: 3074180
Conc: 17.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.419 min
Delta R.T.: -0.003 min
Response: 2670512
Conc: 17.50 ug/ml



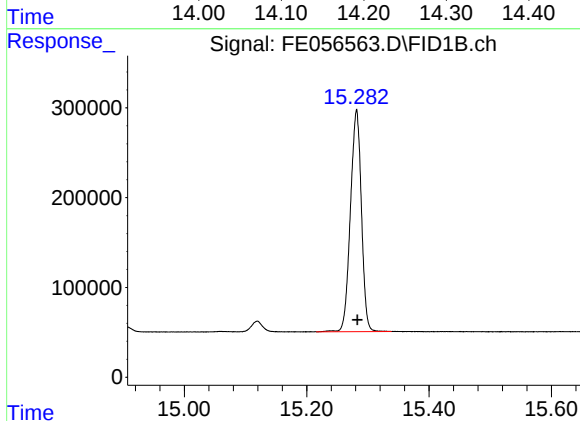
#13 n-Docosane (C22)

R.T.: 14.174 min
Delta R.T.: -0.001 min
Response: 3061119
Conc: 17.29 ug/ml

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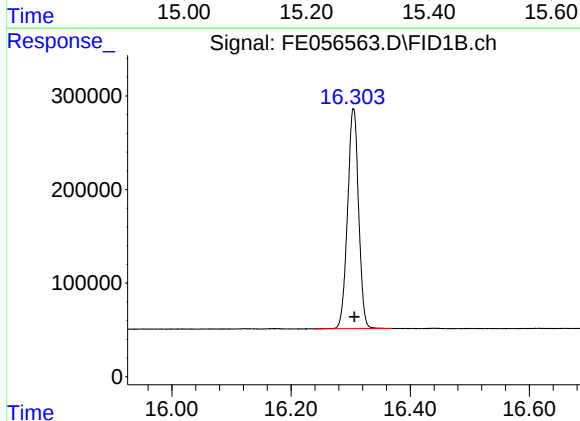
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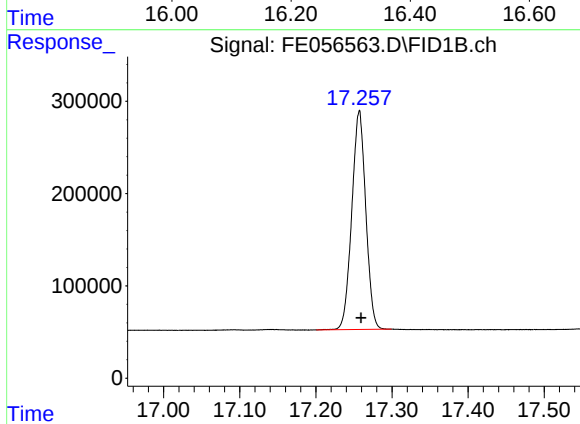
#14 n-Tetracosane (C24)

R.T.: 15.281 min
Delta R.T.: -0.002 min
Response: 3072409
Conc: 16.89 ug/ml



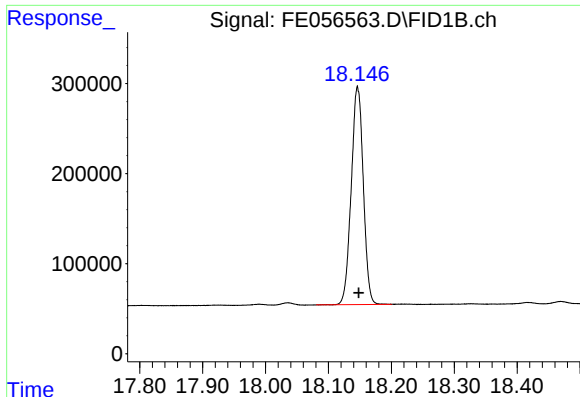
#15 n-Hexacosane (C26)

R.T.: 16.305 min
Delta R.T.: -0.002 min
Response: 3025314
Conc: 16.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.257 min
Delta R.T.: -0.002 min
Response: 3027441
Conc: 17.02 ug/ml



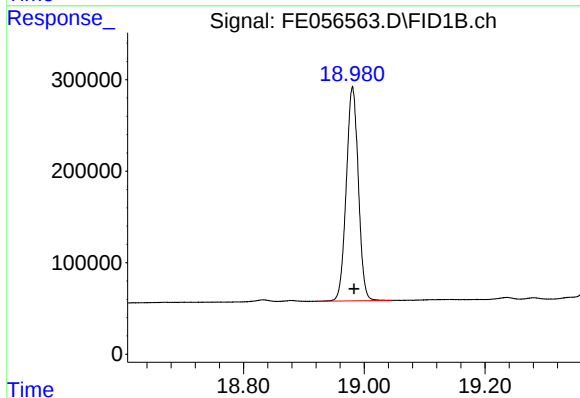
#17 n-Tricontane (C30)

R.T.: 18.146 min
Delta R.T.: -0.002 min
Response: 3224060
Conc: 17.76 ug/ml

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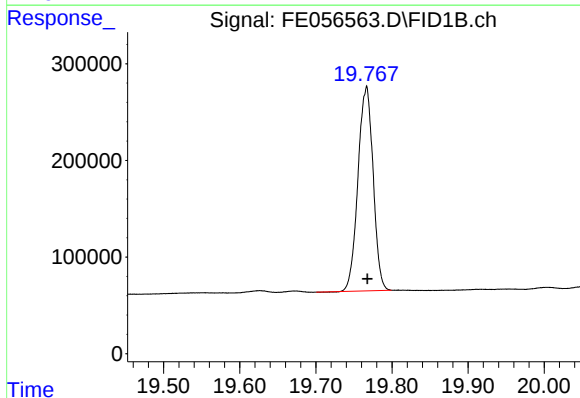
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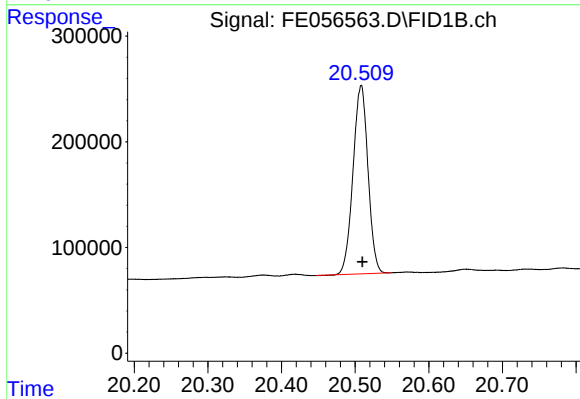
#18 n-Dotriacontane (C32)

R.T.: 18.981 min
Delta R.T.: -0.003 min
Response: 3243991
Conc: 18.40 ug/ml



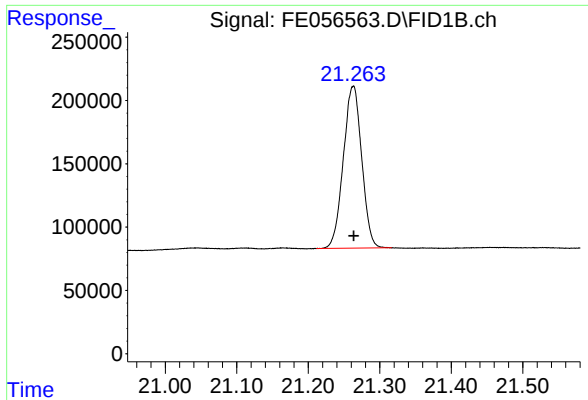
#19 n-Tetratriacontane (C34)

R.T.: 19.766 min
Delta R.T.: -0.001 min
Response: 2921811
Conc: 18.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.508 min
Delta R.T.: -0.002 min
Response: 2518010
Conc: 20.15 ug/ml



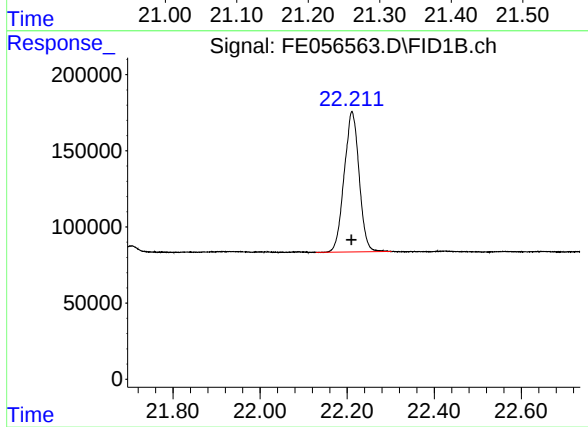
#21 n-Octatriacontane (C38)

R.T.: 21.263 min
Delta R.T.: 0.000 min
Response: 2280863
Conc: 21.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.211 min
Delta R.T.: 0.001 min
Response: 2194896
Conc: 24.19 ug/ml