

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111025AL\
 Data File : FE056725.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2025 22:10
 Operator : YP\AJ
 Sample : Q3564-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OR-03-11062025MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/11/2025
 Supervised By :Yogesh Patel 11/11/2025

Integration File: autoint1.e
 Quant Time: Nov 11 00:49:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 12:50:27 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)	11.967	6450206	30.875 ug/ml
Spiked Amount 50.000		Recovery =	61.75%
12) S 1-chlorooctadecane (S...	13.406	5700814	35.383 ug/ml
Spiked Amount 50.000		Recovery =	70.77%
Target Compounds			
1) T n-Nonane (C9)	3.322	3647007	21.713 ug/ml
2) T n-Decane (C10)	4.574	4104699	23.921 ug/mlm
3) T A~Naphthalene (C11.7)	6.289	5587276	30.269 ug/ml
4) T n-Dodecane (C12)	6.746	4674787	26.877 ug/ml
5) T A~2-methylnaphthalene...	7.389	5451557	30.761 ug/ml
6) T n-Tetradecane (C14)	8.583	5523794	31.646 ug/ml
7) T n-Hexadecane (C16)	10.195	5809030	31.751 ug/ml
8) T n-Octadecane (C18)	11.644	5736384	30.308 ug/ml
10) T n-Eicosane (C20)	12.958	6192618	33.229 ug/ml
11) T n-Heneicosane (C21)	13.572	5579893	30.345 ug/ml
13) T n-Docosane (C22)	14.160	5599182	29.910 ug/ml
14) T n-Tetracosane (C24)	15.269	12552441	64.088 ug/ml
15) T n-Hexacosane (C26)	16.293	5293480	27.239 ug/ml
16) T n-Octacosane (C28)	17.244	5070695	26.183 ug/mlm
17) T n-Tricontane (C30)	18.135	4978465	24.831 ug/mlm
18) T n-Dotriacontane (C32)	18.971	5065738	25.760 ug/ml
19) T n-Tetratriacontane (C34)	19.757	4653265	26.958 ug/ml
20) T n-Hexatriacontane (C36)	20.500	4372750	30.229 ug/ml
21) T n-Octatriacontane (C38)	21.256	4558099	36.215 ug/ml
22) T n-Tetracontane (C40)	22.202	4581754	39.630 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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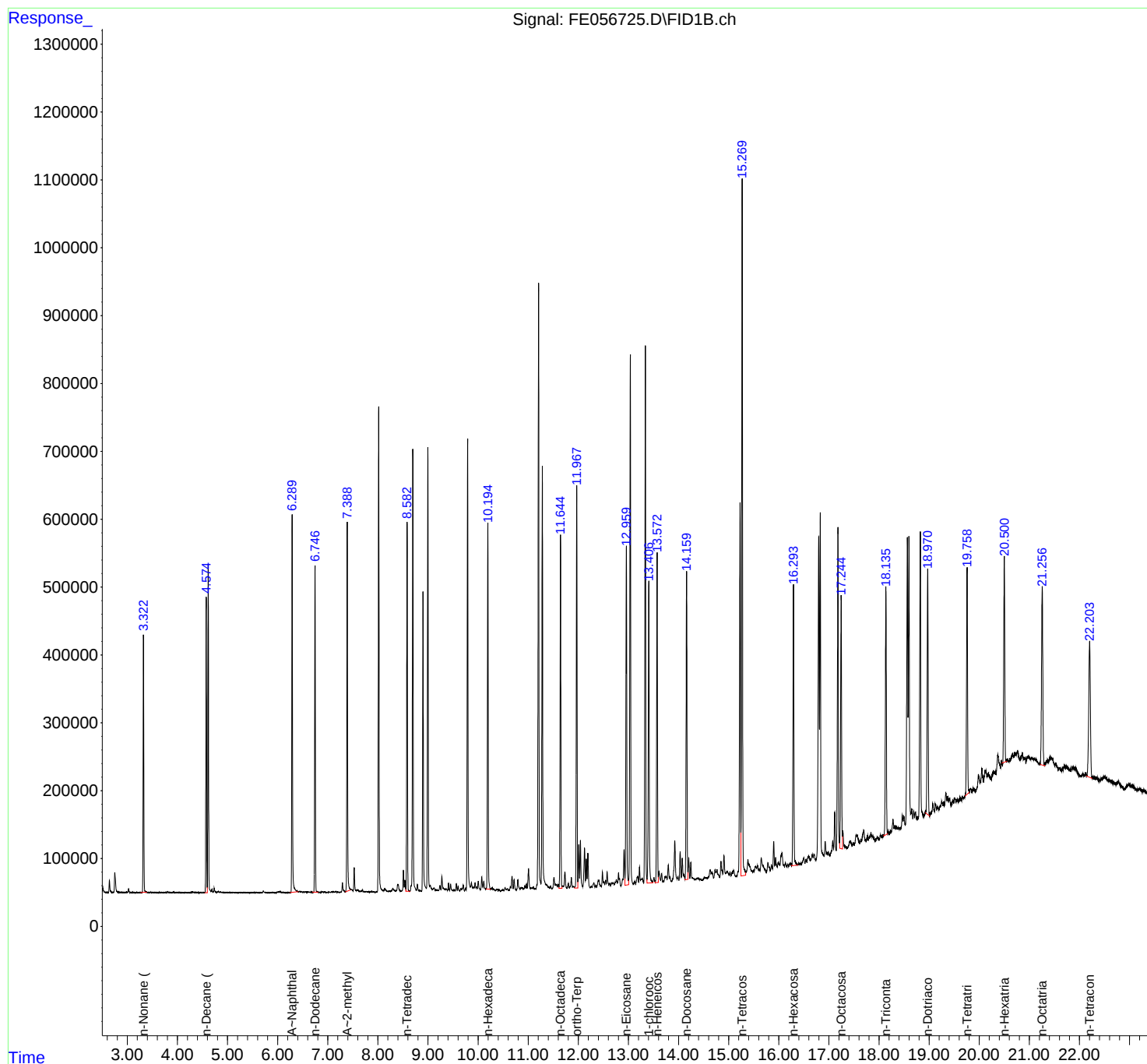
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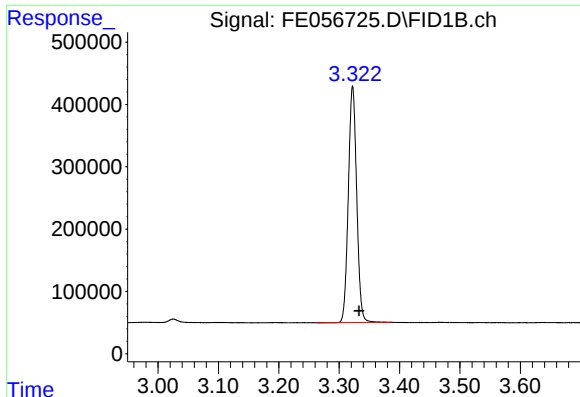
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#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.011 min
Response: 3647007
Conc: 21.71 ug/ml

Instrument :

FID_E

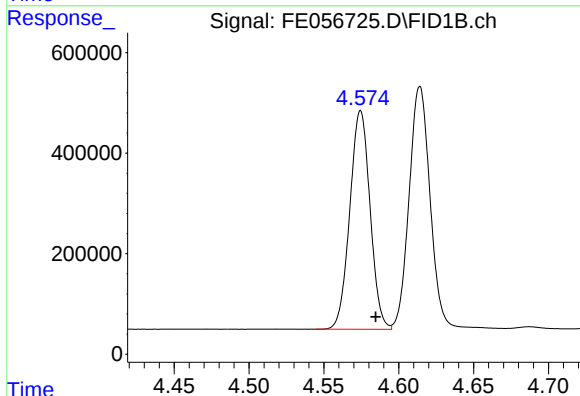
ClientSampleId :

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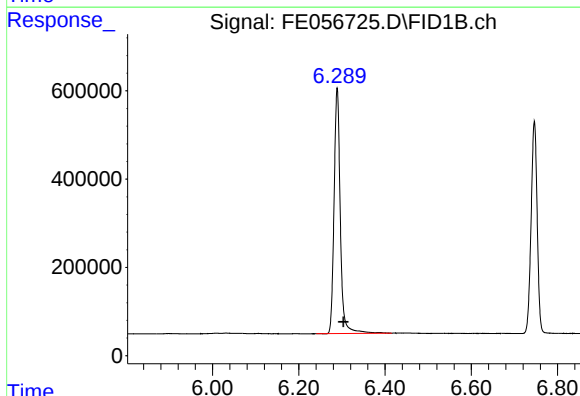
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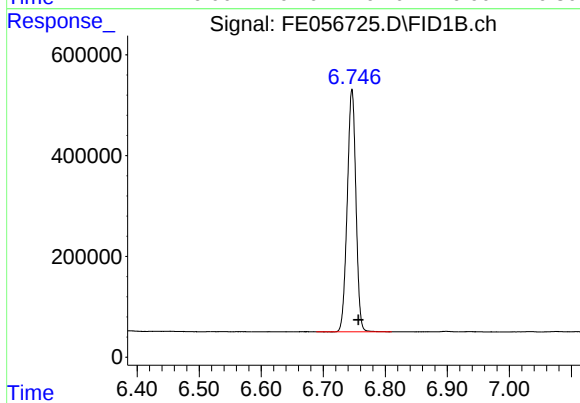
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.010 min
Response: 4104699
Conc: 23.92 ug/ml m



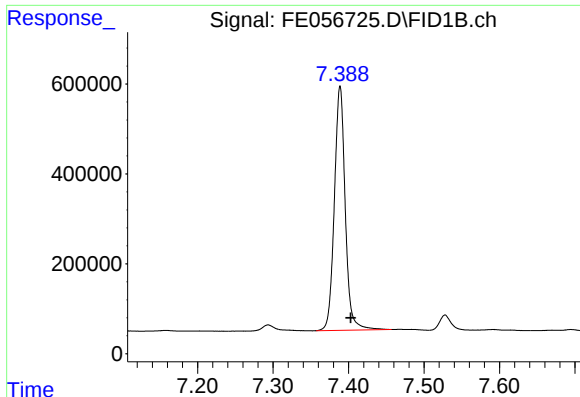
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.014 min
Response: 5587276
Conc: 30.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 4674787
Conc: 26.88 ug/ml



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

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 5451557
Conc: 30.76 ug/ml

Instrument :

FID_E

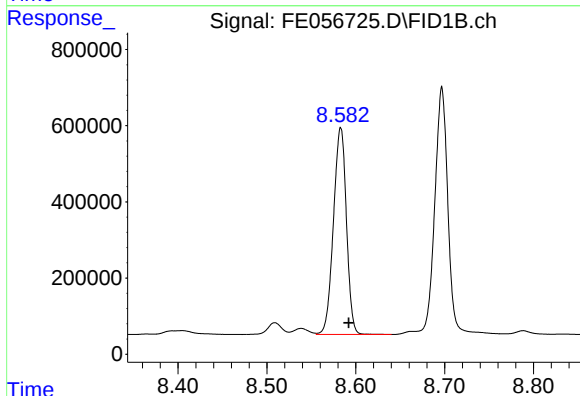
ClientSampleId :

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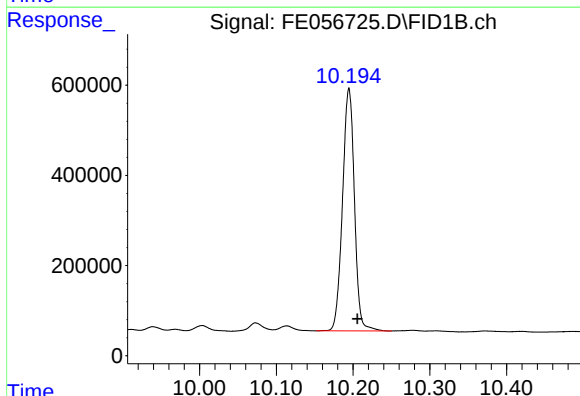
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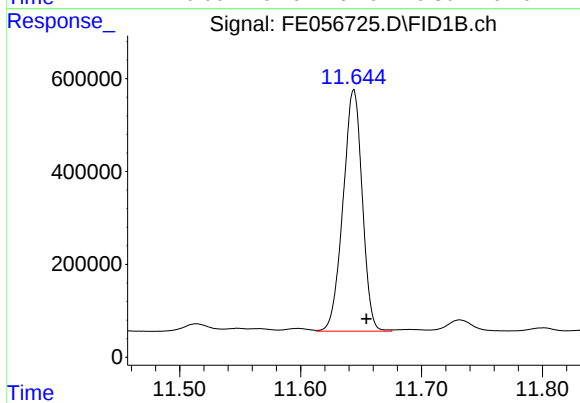
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.009 min
Response: 5523794
Conc: 31.65 ug/ml



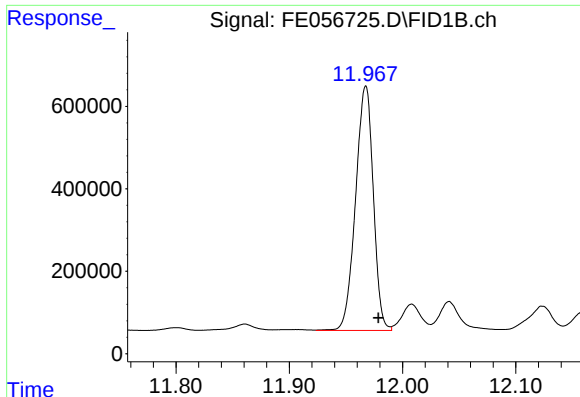
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.011 min
Response: 5809030
Conc: 31.75 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.011 min
Response: 5736384
Conc: 30.31 ug/ml



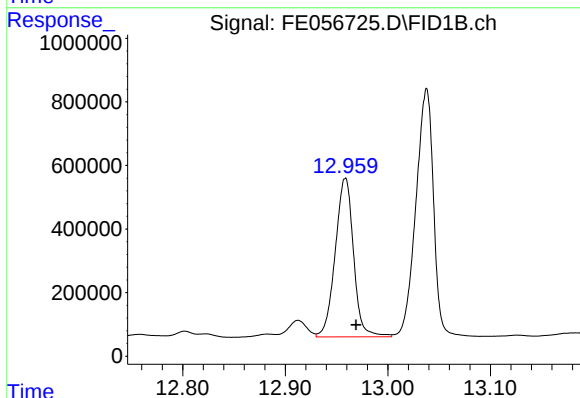
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.012 min
Response: 6450206
Conc: 30.88 ug/ml

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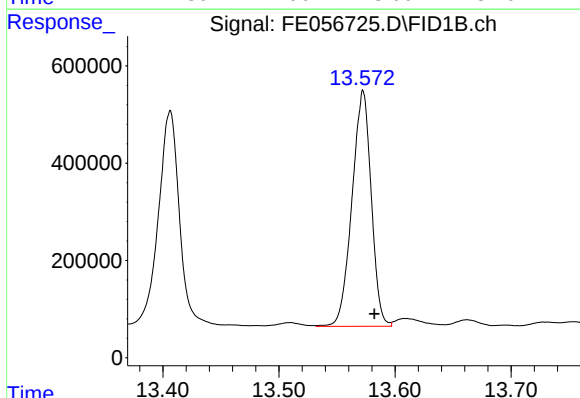
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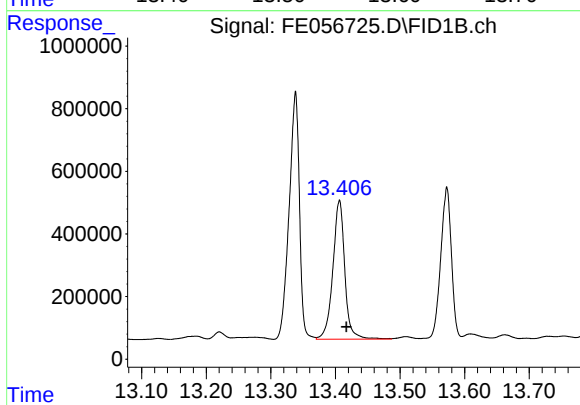
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.010 min
Response: 6192618
Conc: 33.23 ug/ml



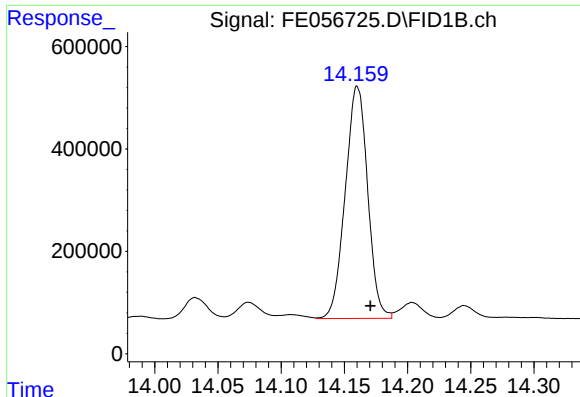
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: -0.010 min
Response: 5579893
Conc: 30.35 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.406 min
Delta R.T.: -0.011 min
Response: 5700814
Conc: 35.38 ug/ml



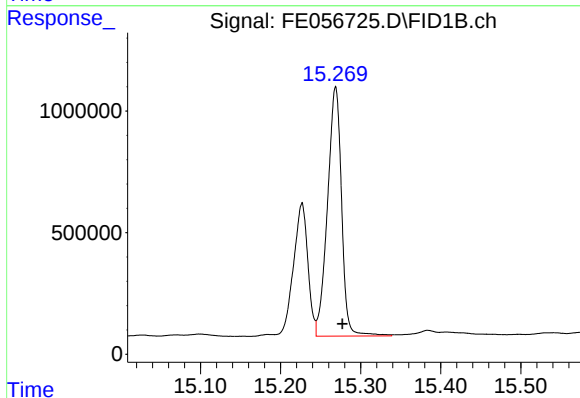
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.010 min
Response: 5599182
Conc: 29.91 ug/ml

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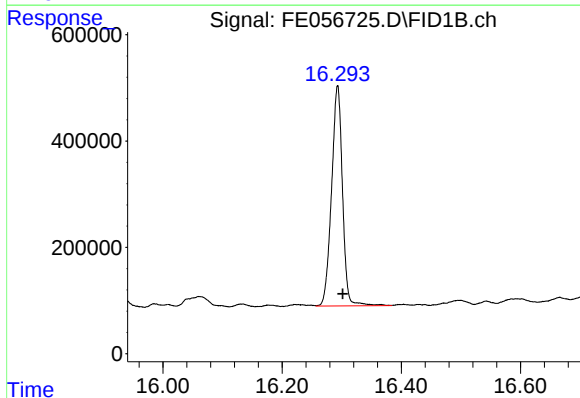
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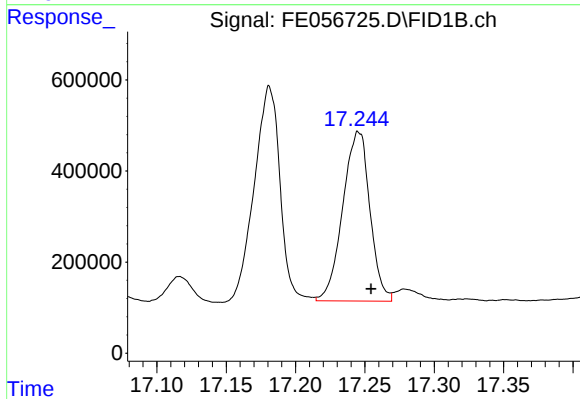
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: -0.009 min
Response: 12552441
Conc: 64.09 ug/ml



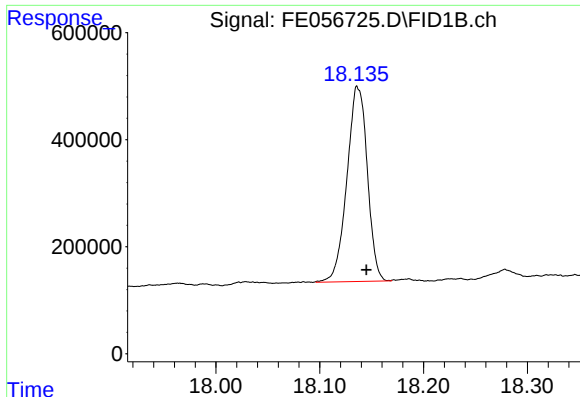
#15 n-Hexacosane (C26)

R.T.: 16.293 min
Delta R.T.: -0.009 min
Response: 5293480
Conc: 27.24 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: -0.010 min
Response: 5070695
Conc: 26.18 ug/ml m



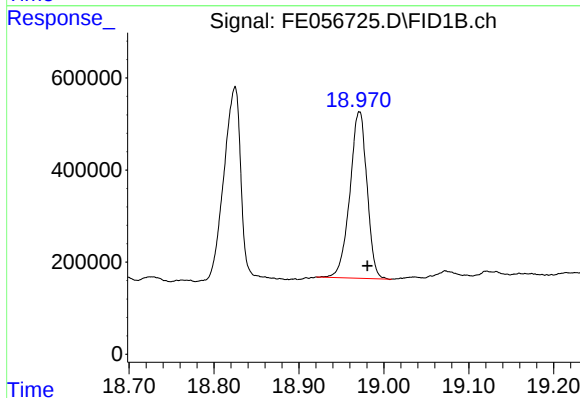
#17 n-Tricontane (C30)

R.T.: 18.135 min
Delta R.T.: -0.010 min
Response: 4978465
Conc: 24.83 ug/ml

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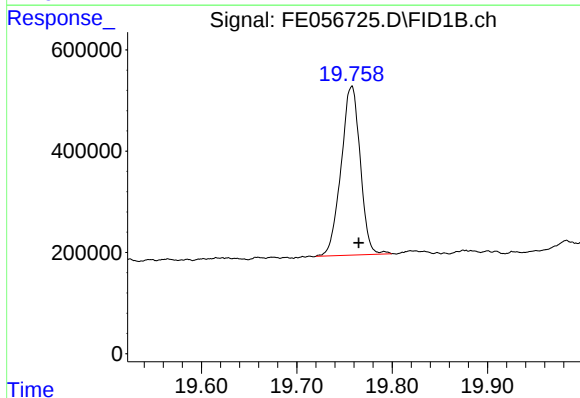
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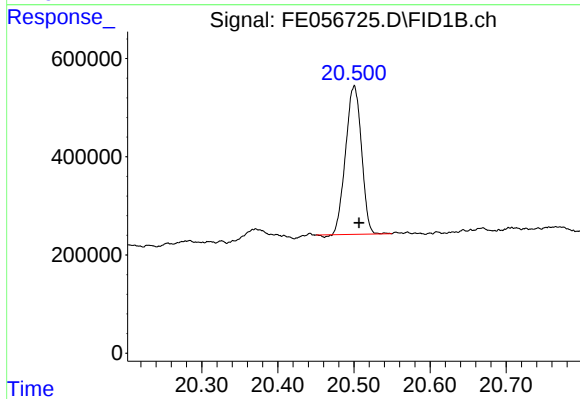
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: -0.010 min
Response: 5065738
Conc: 25.76 ug/ml



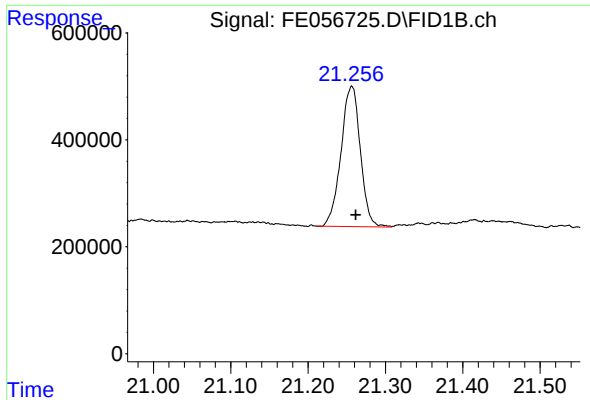
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.008 min
Response: 4653265
Conc: 26.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.500 min
Delta R.T.: -0.007 min
Response: 4372750
Conc: 30.23 ug/ml



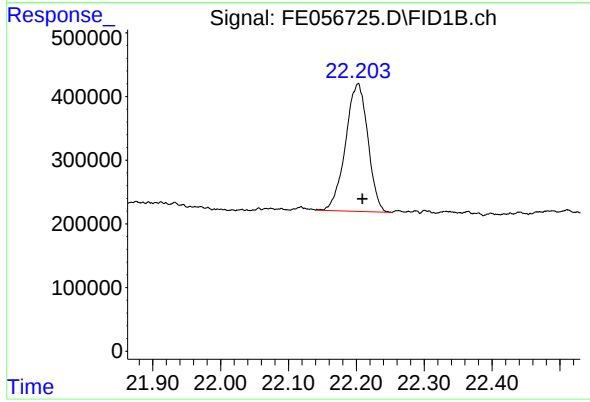
#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: -0.006 min
Response: 4558099
Conc: 36.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: -0.007 min
Response: 4581754
Conc: 39.63 ug/ml