

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100825AL\
 Data File : FE056255.D
 Signal(s) : FID1B.ch
 Acq On : 08 Oct 2025 18:45
 Operator : YP\AJ
 Sample : Q3303-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HL-WESTMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/09/2025
 Supervised By :mohammad ahmed 10/10/2025

Integration File: sample.E
 Quant Time: Oct 09 01:22:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.066	6568109	35.001 ug/ml
Spiked Amount 50.000		Recovery =	70.00%
12) S 1-chlorooctadecane (S...	13.502	5459858	39.120 ug/ml
Spiked Amount 50.000		Recovery =	78.24%
Target Compounds			
1) T n-Nonane (C9)	3.402	2962908	21.628 ug/ml
2) T n-Decane (C10)	4.665	3470301	24.865 ug/ml
3) T A~Naphthalene (C11.7)	6.386	12535970	78.515 ug/ml
4) T n-Dodecane (C12)	6.840	4259577	29.678 ug/ml
5) T A~2-methylnaphthalene...	7.488	14083277	90.557 ug/ml
6) T n-Tetradecane (C14)	8.678	5152265	34.849 ug/ml
7) T n-Hexadecane (C16)	10.290	5892801	37.083 ug/ml
8) T n-Octadecane (C18)	11.740	6438774	38.013 ug/ml
10) T n-Eicosane (C20)	13.056	6708200	40.468 ug/ml
11) T n-Heneicosane (C21)	13.668	6648526	40.916 ug/ml
13) T n-Docosane (C22)	14.256	6560061	41.054 ug/ml
14) T n-Tetracosane (C24)	15.374	21079188	138.332 ug/ml
15) T n-Hexacosane (C26)	16.389	5742157	40.259 ug/ml
16) T n-Octacosane (C28)	17.337	5884210	42.240 ug/mlm
17) T n-Tricontane (C30)	18.230	5315367	35.871 ug/ml
18) T n-Dotriacontane (C32)	19.061	5254590	35.219 ug/ml
19) T n-Tetratriacontane (C34)	19.846	5545052	39.201 ug/ml
20) T n-Hexatriacontane (C36)	20.587	5759371	44.865 ug/ml
21) T n-Octatriacontane (C38)	21.360	5918537	45.062 ug/ml
22) T n-Tetracontane (C40)	22.340	5938150	49.914 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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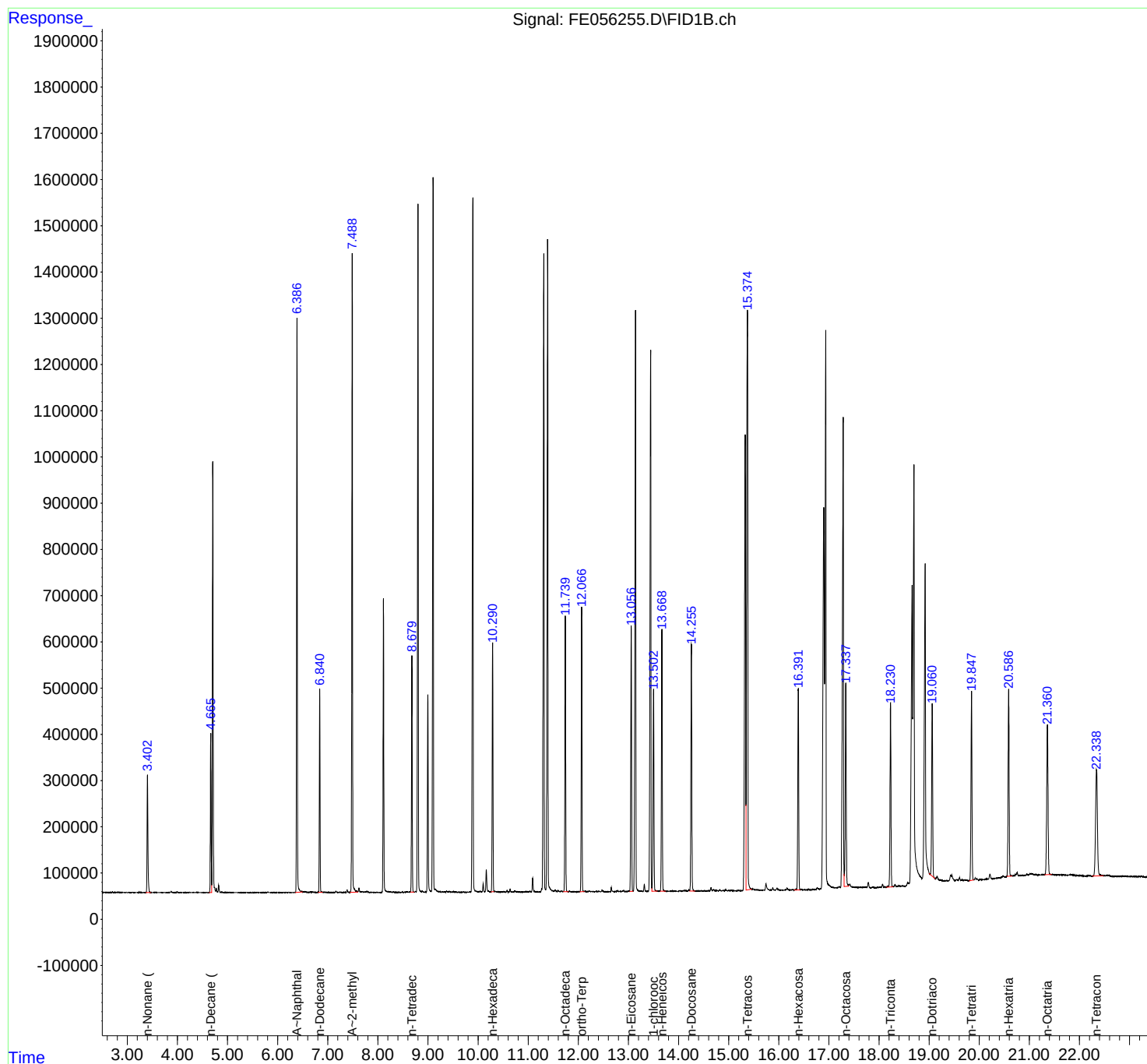
Instrument :
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HL-WESTMSD

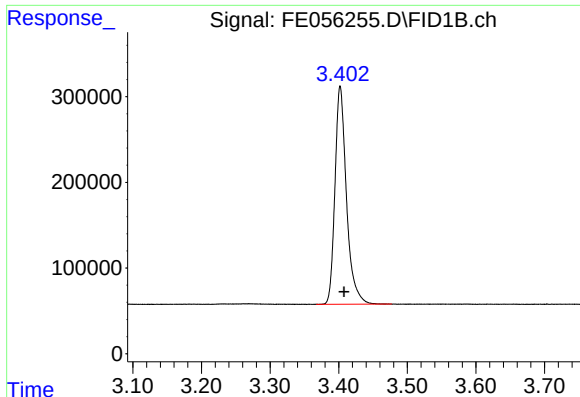
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.402 min
Delta R.T.: -0.006 min
Response: 2962908
Conc: 21.63 ug/ml

Instrument :

FID_E

ClientSampleId :

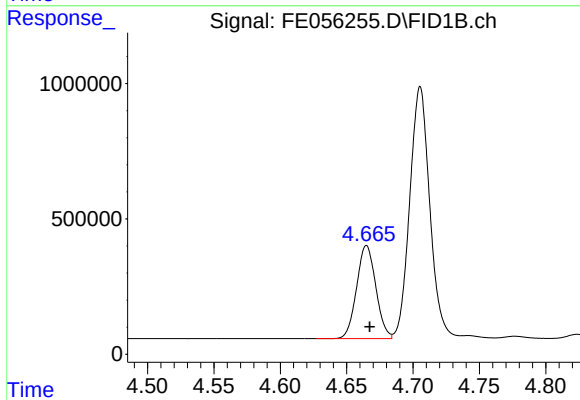
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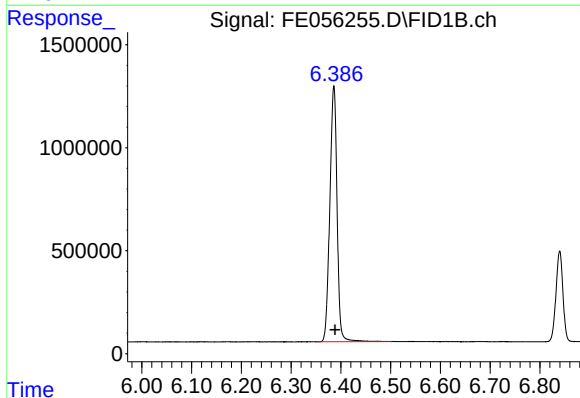
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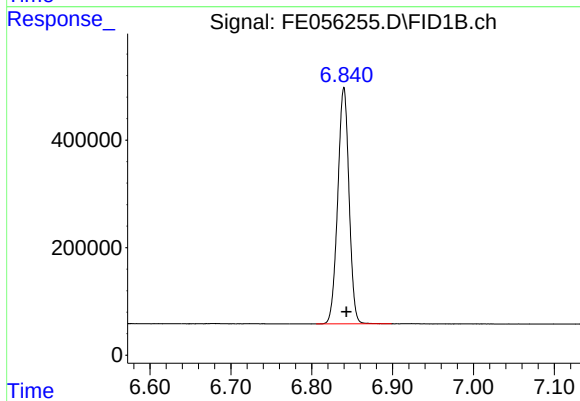
#2 n-Decane (C10)

R.T.: 4.665 min
Delta R.T.: -0.002 min
Response: 3470301
Conc: 24.87 ug/ml



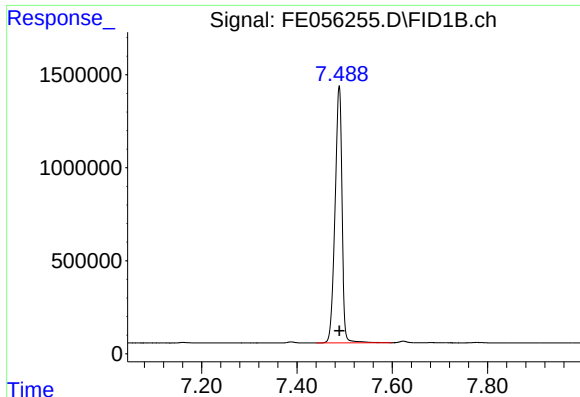
#3 A~Naphthalene (C11.7)

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 12535970
Conc: 78.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 4259577
Conc: 29.68 ug/ml



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

R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 14083277
Conc: 90.56 ug/ml

Instrument :

FID_E

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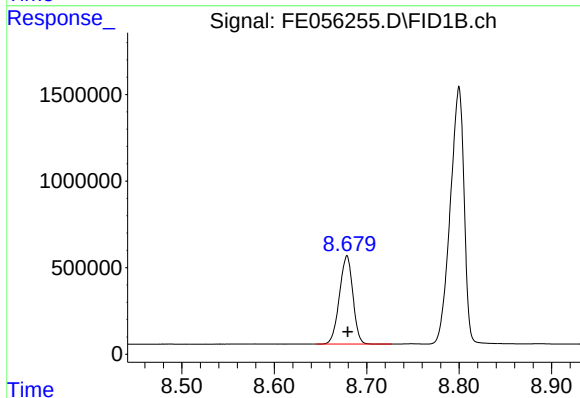
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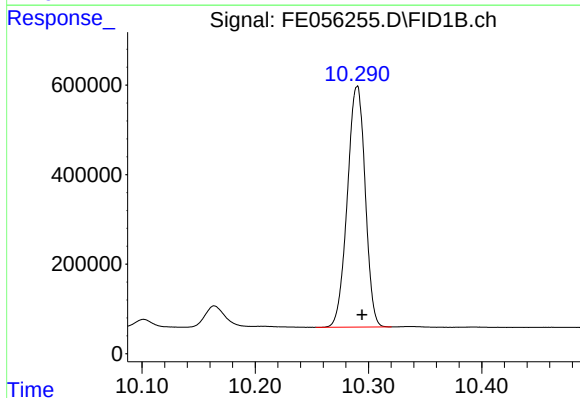
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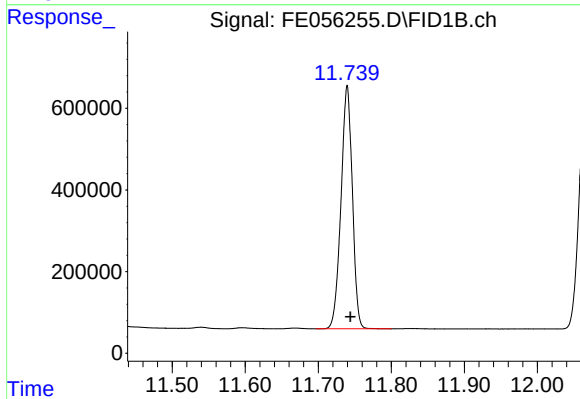
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: 0.000 min
Response: 5152265
Conc: 34.85 ug/ml



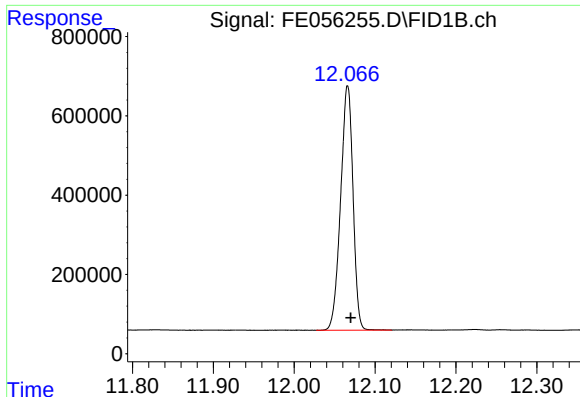
#7 n-Hexadecane (C16)

R.T.: 10.290 min
Delta R.T.: -0.004 min
Response: 5892801
Conc: 37.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.740 min
Delta R.T.: -0.004 min
Response: 6438774
Conc: 38.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.066 min
Delta R.T.: -0.004 min
Response: 6568109
Conc: 35.00 ug/ml

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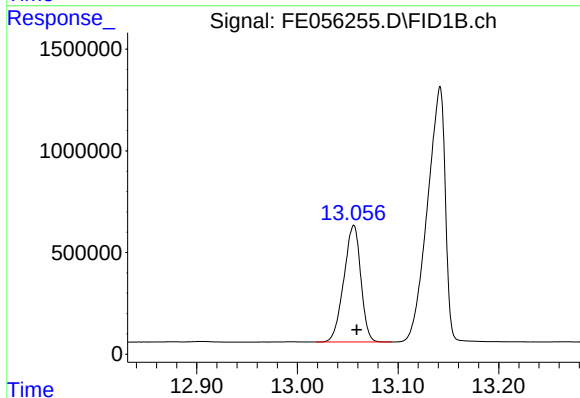
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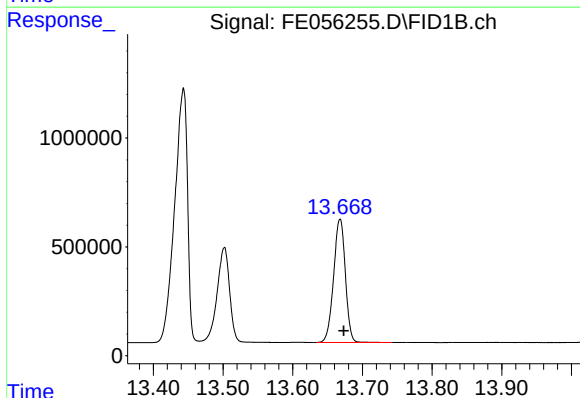
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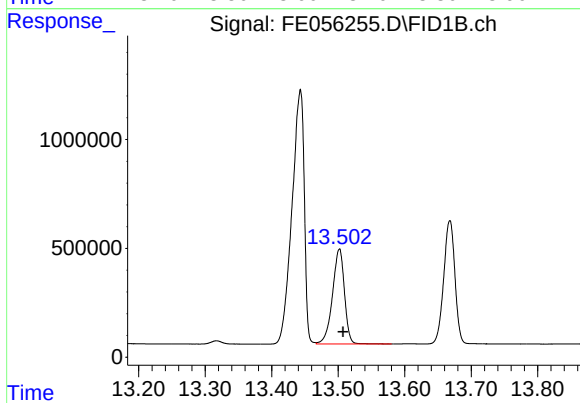
#10 n-Eicosane (C20)

R.T.: 13.056 min
Delta R.T.: -0.003 min
Response: 6708200
Conc: 40.47 ug/ml



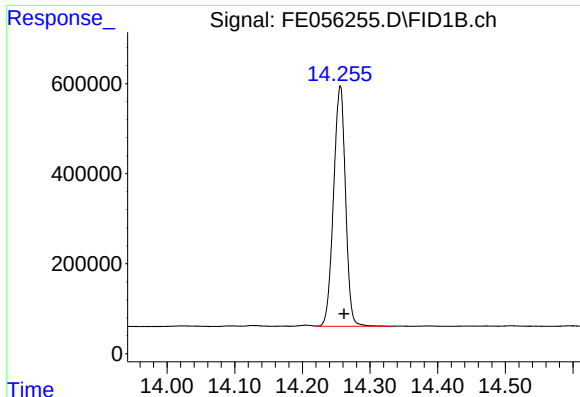
#11 n-Heneicosane (C21)

R.T.: 13.668 min
Delta R.T.: -0.005 min
Response: 6648526
Conc: 40.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.502 min
Delta R.T.: -0.006 min
Response: 5459858
Conc: 39.12 ug/ml



#13 n-Docosane (C22)

R.T.: 14.256 min
Delta R.T.: -0.006 min
Response: 6560061
Conc: 41.05 ug/ml

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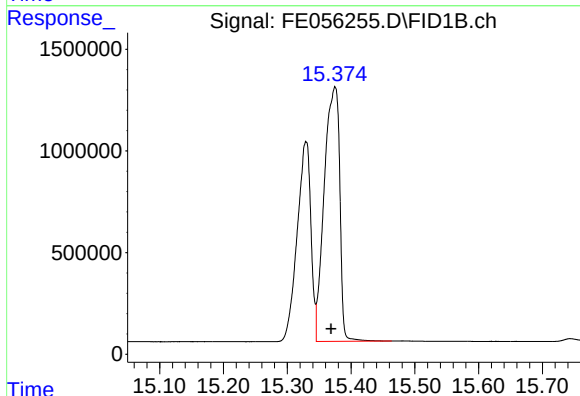
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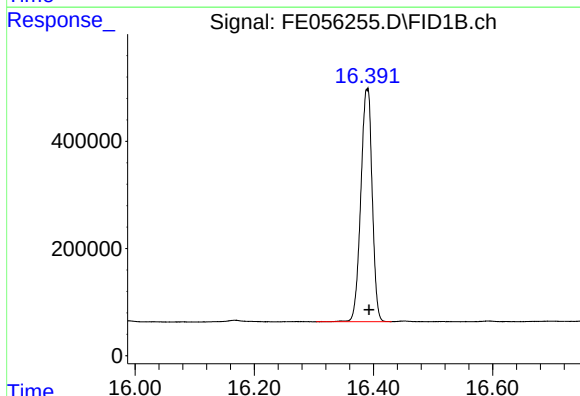
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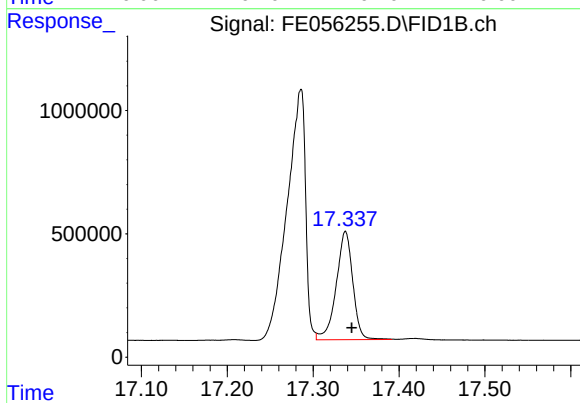
#14 n-Tetracosane (C24)

R.T.: 15.374 min
Delta R.T.: 0.005 min
Response: 21079188
Conc: 138.33 ug/ml



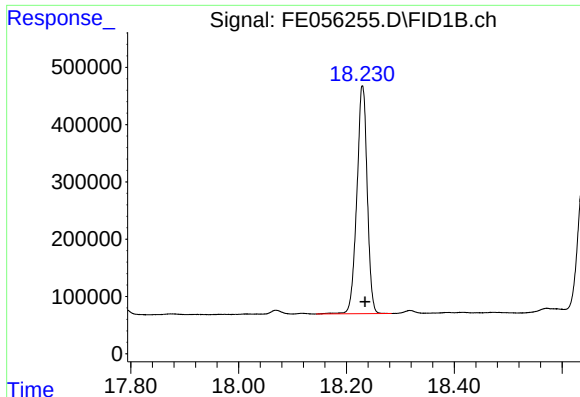
#15 n-Hexacosane (C26)

R.T.: 16.389 min
Delta R.T.: -0.003 min
Response: 5742157
Conc: 40.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.337 min
Delta R.T.: -0.007 min
Response: 5884210
Conc: 42.24 ug/ml m



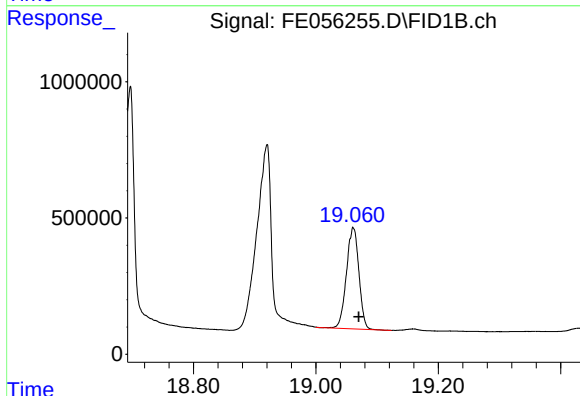
#17 n-Tricontane (C30)

R.T.: 18.230 min
Delta R.T.: -0.005 min
Response: 5315367
Conc: 35.87 ug/ml

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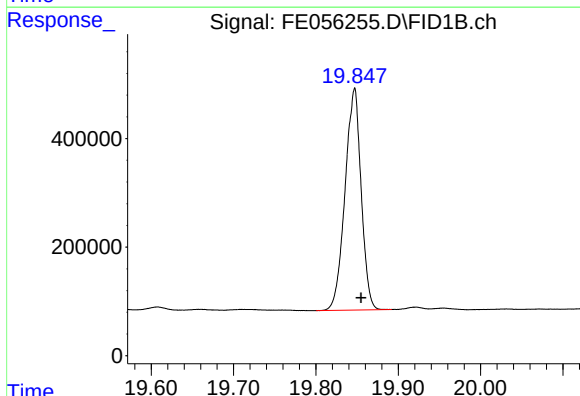
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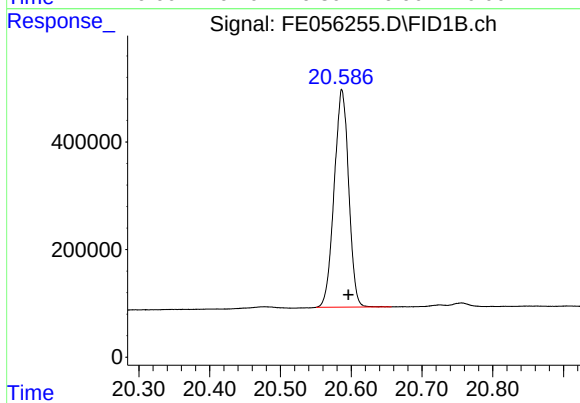
#18 n-Dotriacontane (C32)

R.T.: 19.061 min
Delta R.T.: -0.009 min
Response: 5254590
Conc: 35.22 ug/ml



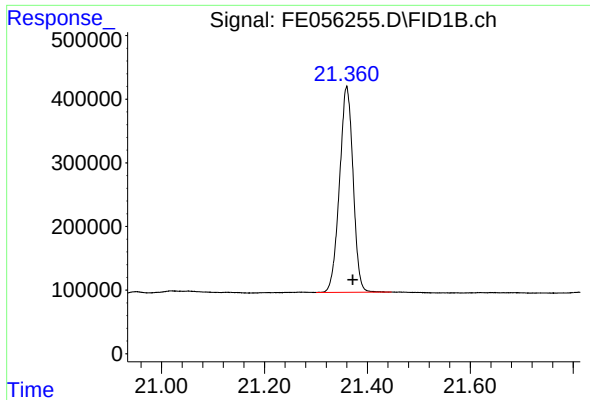
#19 n-Tetratriacontane (C34)

R.T.: 19.846 min
Delta R.T.: -0.008 min
Response: 5545052
Conc: 39.20 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.587 min
Delta R.T.: -0.009 min
Response: 5759371
Conc: 44.87 ug/ml



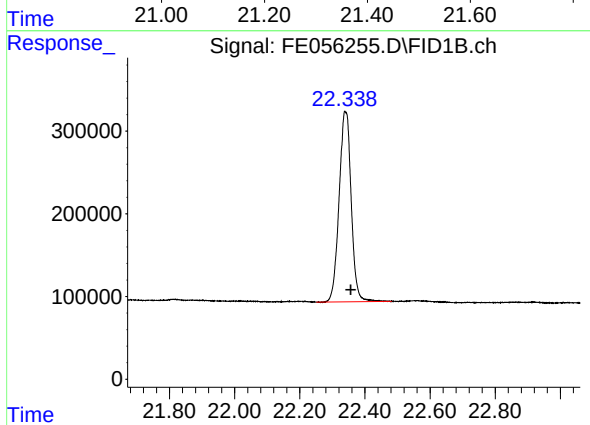
#21 n-Octatriacontane (C38)

R.T.: 21.360 min
Delta R.T.: -0.012 min
Response: 5918537
Conc: 45.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.340 min
Delta R.T.: -0.016 min
Response: 5938150
Conc: 49.91 ug/ml