

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111425AL\
 Data File : FE056859.D
 Signal(s) : FID1B.ch
 Acq On : 14 Nov 2025 21:25
 Operator : YP\AJ
 Sample : Q3633-03MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ETGI-342MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/17/2025
 Supervised By :mohammad ahmed 11/18/2025

Integration File: autoint1.e
 Quant Time: Nov 14 22:09:40 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)	11.951	6492125	31.076 ug/ml
Spiked Amount 50.000		Recovery =	62.15%
12) S 1-chlorooctadecane (S...	13.388	4460824	27.687 ug/ml
Spiked Amount 50.000		Recovery =	55.37%
Target Compounds			
1) T n-Nonane (C9)	3.309	3236086	19.267 ug/ml
2) T n-Decane (C10)	4.563	3853088	22.455 ug/mlm
3) T A~Naphthalene (C11.7)	6.278	4899967	26.546 ug/ml
4) T n-Dodecane (C12)	6.735	4473929	25.723 ug/ml
5) T A~2-methylnaphthalene...	7.377	4652206	26.251 ug/ml
6) T n-Tetradecane (C14)	8.570	4839686	27.726 ug/ml
7) T n-Hexadecane (C16)	10.181	4888438	26.719 ug/ml
8) T n-Octadecane (C18)	11.628	4895799	25.867 ug/ml
10) T n-Eicosane (C20)	12.941	4919859	26.399 ug/ml
11) T n-Heneicosane (C21)	13.554	4780884	26.000 ug/ml
13) T n-Docosane (C22)	14.142	4705206	25.135 ug/ml
14) T n-Tetracosane (C24)	15.248	10360754	52.898 ug/ml
15) T n-Hexacosane (C26)	16.273	4569680	23.514 ug/ml
16) T n-Octacosane (C28)	17.223	4691936	24.227 ug/mlm
17) T n-Tricontane (C30)	18.116	4337018	21.631 ug/ml
18) T n-Dotriacontane (C32)	18.947	4417152	22.462 ug/ml
19) T n-Tetratriacontane (C34)	19.733	4179492	24.214 ug/ml
20) T n-Hexatriacontane (C36)	20.475	4076825	28.183 ug/ml
21) T n-Octatriacontane (C38)	21.224	3975179	31.584 ug/ml
22) T n-Tetracontane (C40)	22.158f	4034467	34.896 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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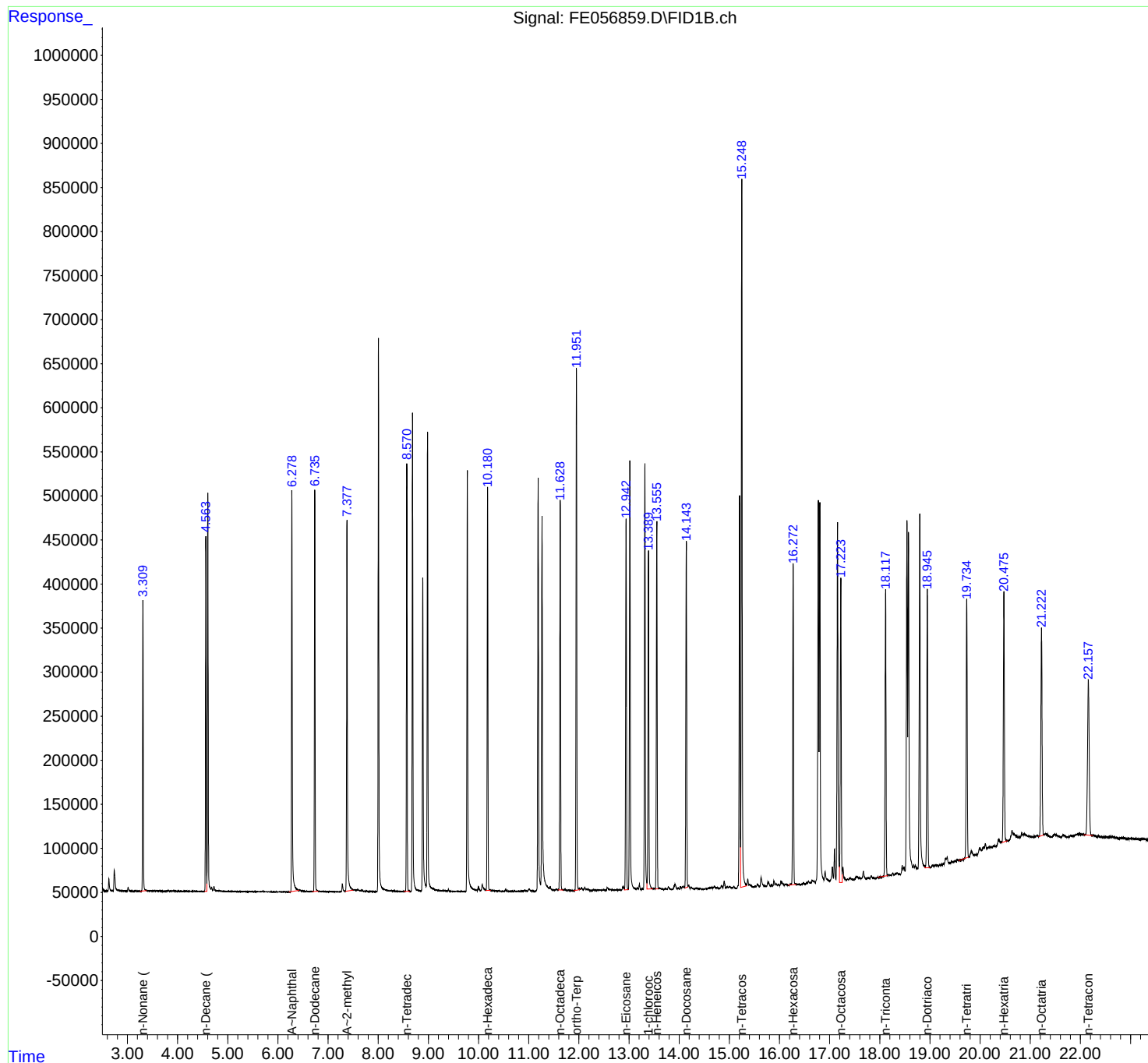
Response via : Initial Calibration

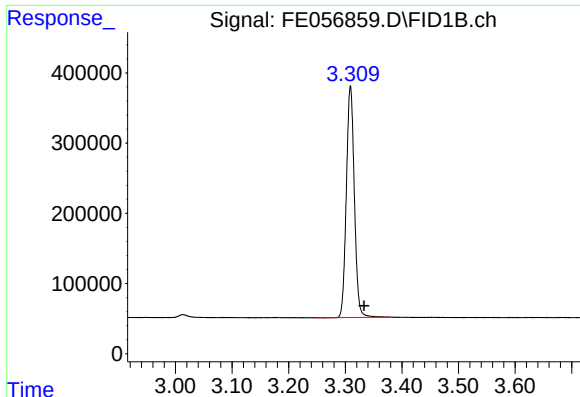
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.024 min
Response: 3236086
Conc: 19.27 ug/ml

Instrument :

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ClientSampleId :

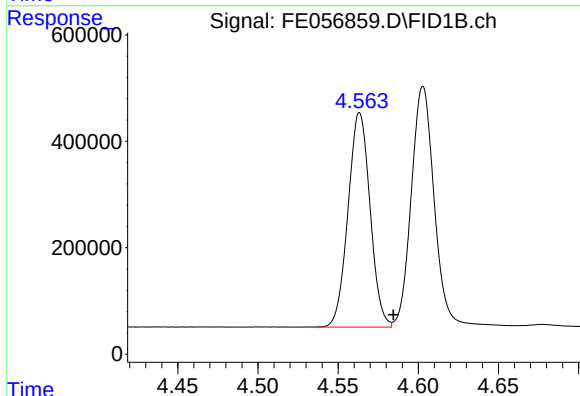
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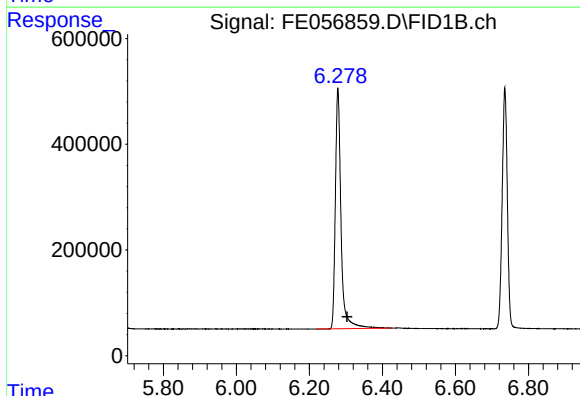
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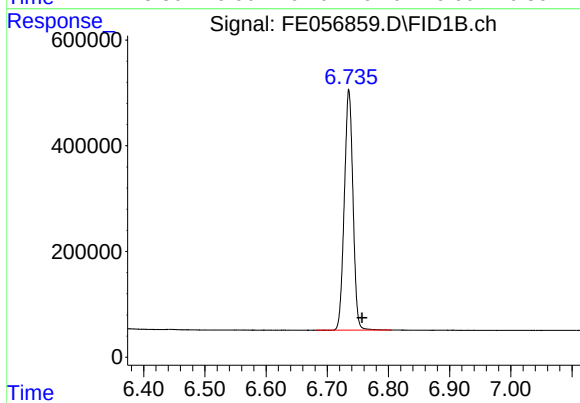
#2 n-Decane (C10)

R.T.: 4.563 min
Delta R.T.: -0.022 min
Response: 3853088
Conc: 22.45 ug/ml m



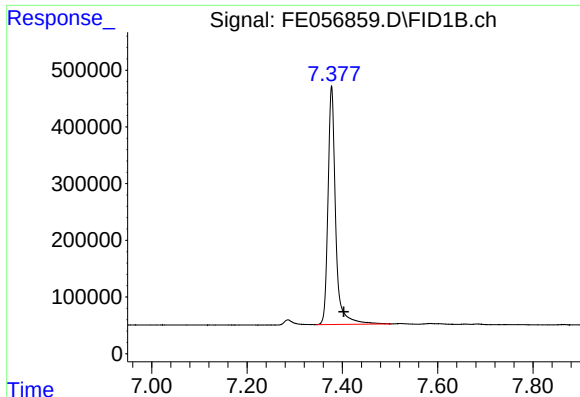
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: -0.025 min
Response: 4899967
Conc: 26.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.735 min
Delta R.T.: -0.021 min
Response: 4473929
Conc: 25.72 ug/ml



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

R.T.: 7.377 min
Delta R.T.: -0.025 min
Response: 4652206
Conc: 26.25 ug/ml

Instrument :

FID_E

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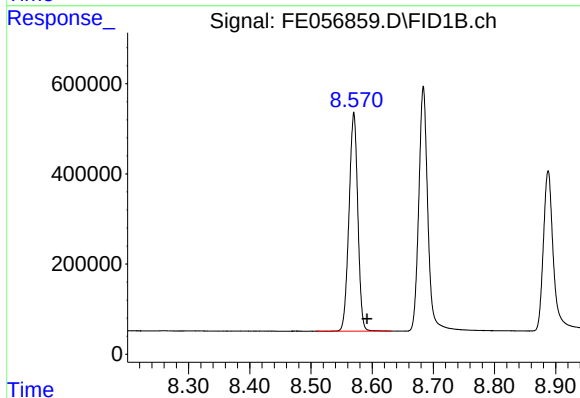
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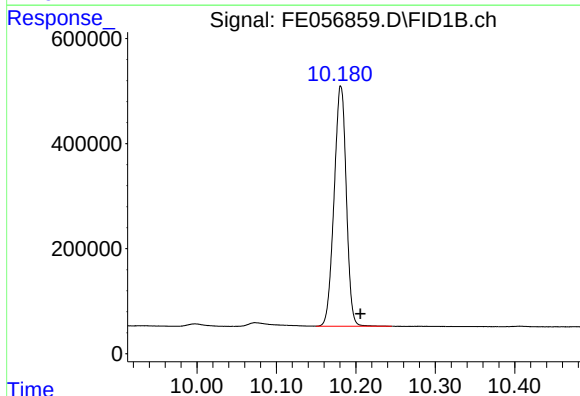
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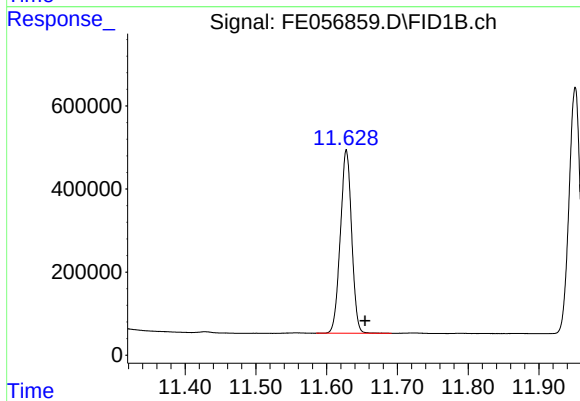
#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.022 min
Response: 4839686
Conc: 27.73 ug/ml



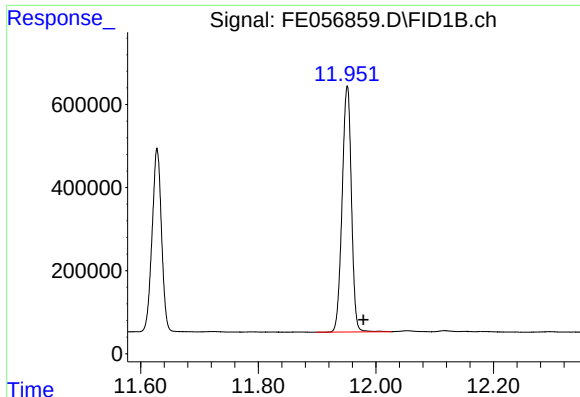
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.025 min
Response: 4888438
Conc: 26.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: -0.026 min
Response: 4895799
Conc: 25.87 ug/ml



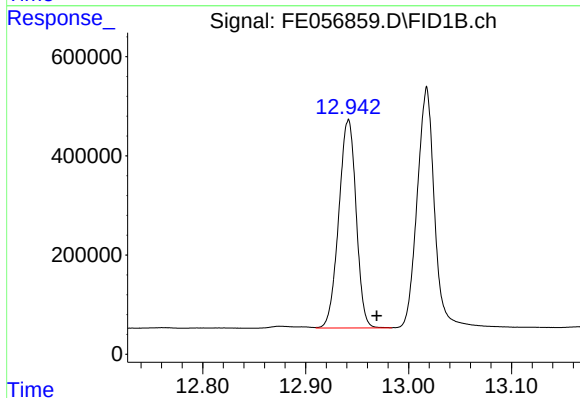
#9 ortho-Terphenyl (SURR)

R.T.: 11.951 min
Delta R.T.: -0.028 min
Response: 6492125
Conc: 31.08 ug/ml

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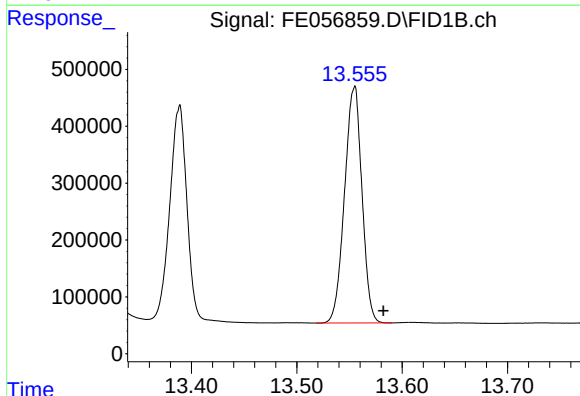
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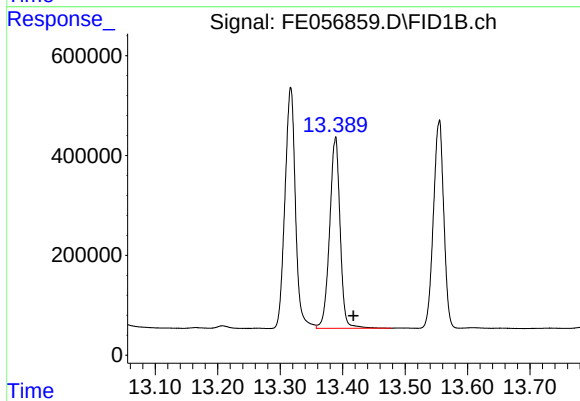
#10 n-Eicosane (C20)

R.T.: 12.941 min
Delta R.T.: -0.028 min
Response: 4919859
Conc: 26.40 ug/ml



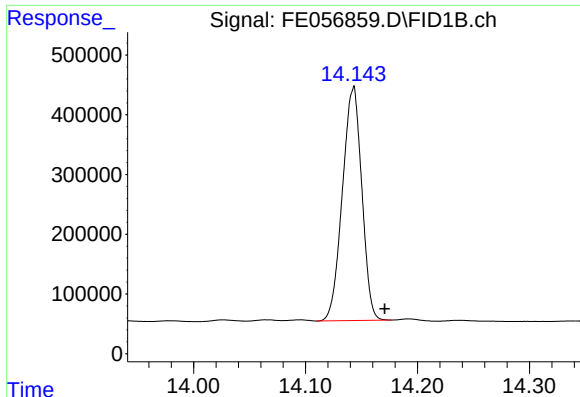
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.028 min
Response: 4780884
Conc: 26.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: -0.029 min
Response: 4460824
Conc: 27.69 ug/ml



#13 n-Docosane (C22)

R.T.: 14.142 min
Delta R.T.: -0.028 min
Response: 4705206
Conc: 25.13 ug/ml

Instrument :

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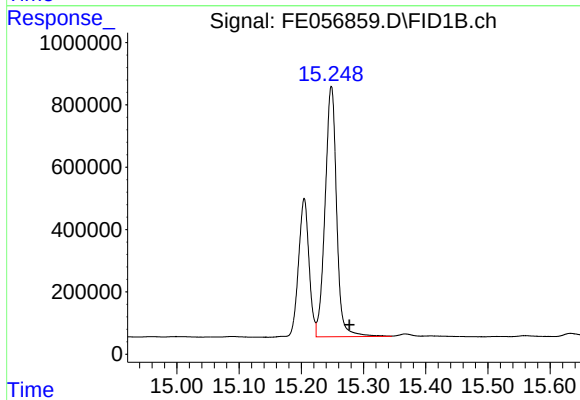
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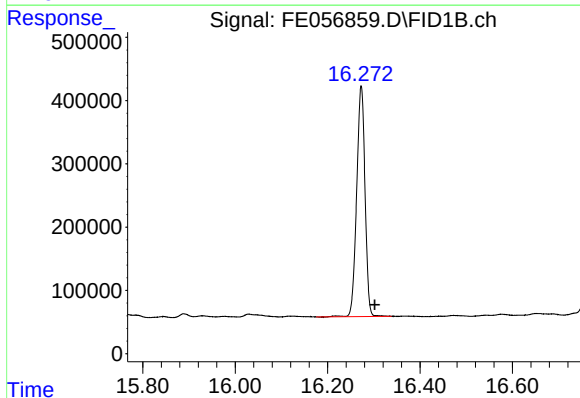
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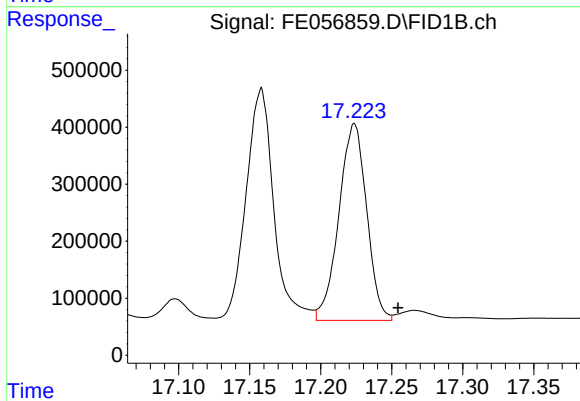
#14 n-Tetracosane (C24)

R.T.: 15.248 min
Delta R.T.: -0.029 min
Response: 10360754
Conc: 52.90 ug/ml



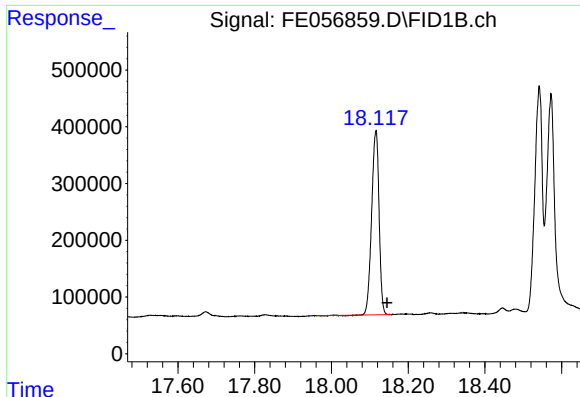
#15 n-Hexacosane (C26)

R.T.: 16.273 min
Delta R.T.: -0.029 min
Response: 4569680
Conc: 23.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.223 min
Delta R.T.: -0.031 min
Response: 4691936
Conc: 24.23 ug/ml m



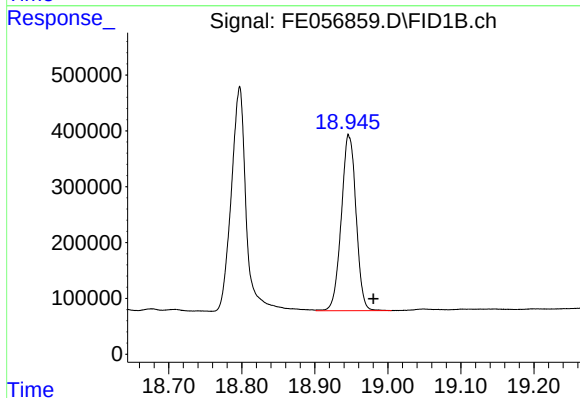
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 4337018
Conc: 21.63 ug/ml

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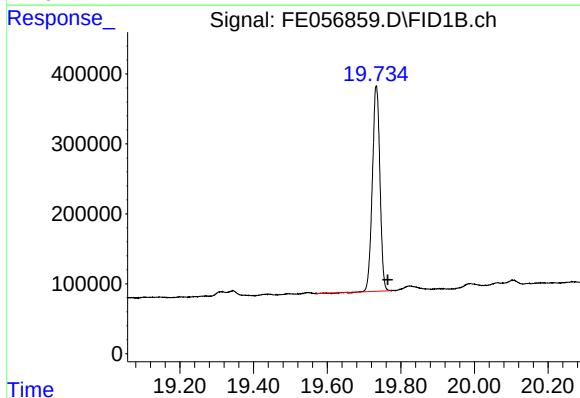
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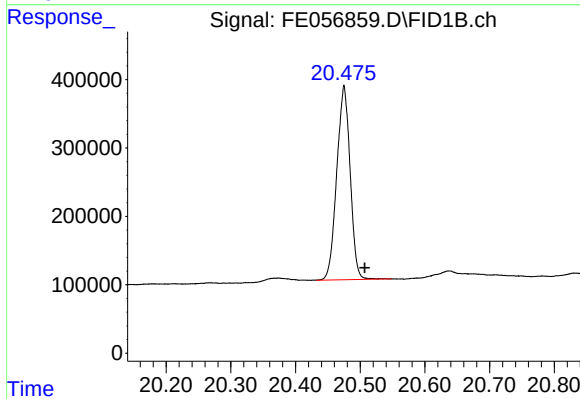
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: -0.034 min
Response: 4417152
Conc: 22.46 ug/ml



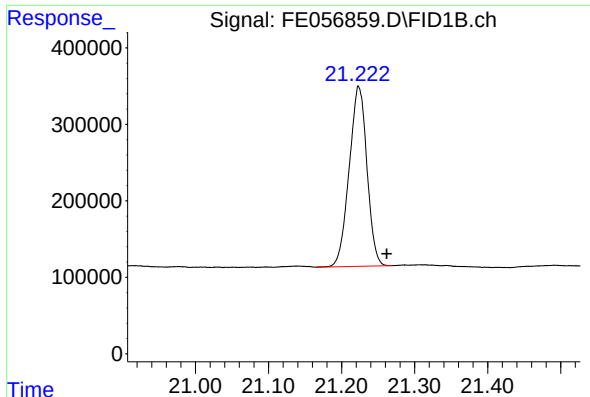
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: -0.031 min
Response: 4179492
Conc: 24.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.475 min
Delta R.T.: -0.032 min
Response: 4076825
Conc: 28.18 ug/ml



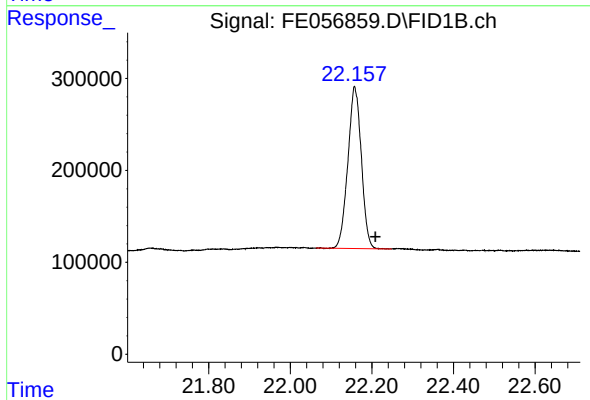
#21 n-Octatriacontane (C38)

R.T.: 21.224 min
Delta R.T.: -0.038 min
Response: 3975179
Conc: 31.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.051 min
Response: 4034467
Conc: 34.90 ug/ml