

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111025AL\
 Data File : FE056724.D
 Signal(s) : FID1B.ch
 Acq On : 10 Nov 2025 21:40
 Operator : YP\AJ
 Sample : Q3564-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

OR-03-11062025MS

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 00:49:19 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	6381347	30.546 ug/ml
Spiked Amount 50.000		Recovery =	61.09%
12) S 1-chlorooctadecane (S...	13.405	5639623	35.003 ug/ml
Spiked Amount 50.000		Recovery =	70.01%
Target Compounds			
1) T n-Nonane (C9)	3.322	3607795	21.480 ug/ml
2) T n-Decane (C10)	4.575	4057771	23.647 ug/mlm
3) T A~Naphthalene (C11.7)	6.289	5505224	29.825 ug/ml
4) T n-Dodecane (C12)	6.746	4617537	26.548 ug/ml
5) T A~2-methylnaphthalene...	7.389	5399924	30.470 ug/ml
6) T n-Tetradecane (C14)	8.583	5472713	31.353 ug/ml
7) T n-Hexadecane (C16)	10.195	5759440	31.480 ug/ml
8) T n-Octadecane (C18)	11.644	5692456	30.076 ug/ml
10) T n-Eicosane (C20)	12.958	6146294	32.980 ug/ml
11) T n-Heneicosane (C21)	13.571	5560666	30.240 ug/ml
13) T n-Docosane (C22)	14.160	5573180	29.771 ug/ml
14) T n-Tetracosane (C24)	15.268	12507326	63.857 ug/ml
15) T n-Hexacosane (C26)	16.292	5285327	27.197 ug/ml
16) T n-Octacosane (C28)	17.244	5126715	26.473 ug/mlm
17) T n-Tricontane (C30)	18.137	5078915	25.332 ug/ml
18) T n-Dotriacontane (C32)	18.970	5032660	25.592 ug/ml
19) T n-Tetratriacontane (C34)	19.757	4708050	27.276 ug/ml
20) T n-Hexatriacontane (C36)	20.500	4455392	30.800 ug/ml
21) T n-Octatriacontane (C38)	21.256	4501900	35.769 ug/ml
22) T n-Tetracontane (C40)	22.201	4803912	41.551 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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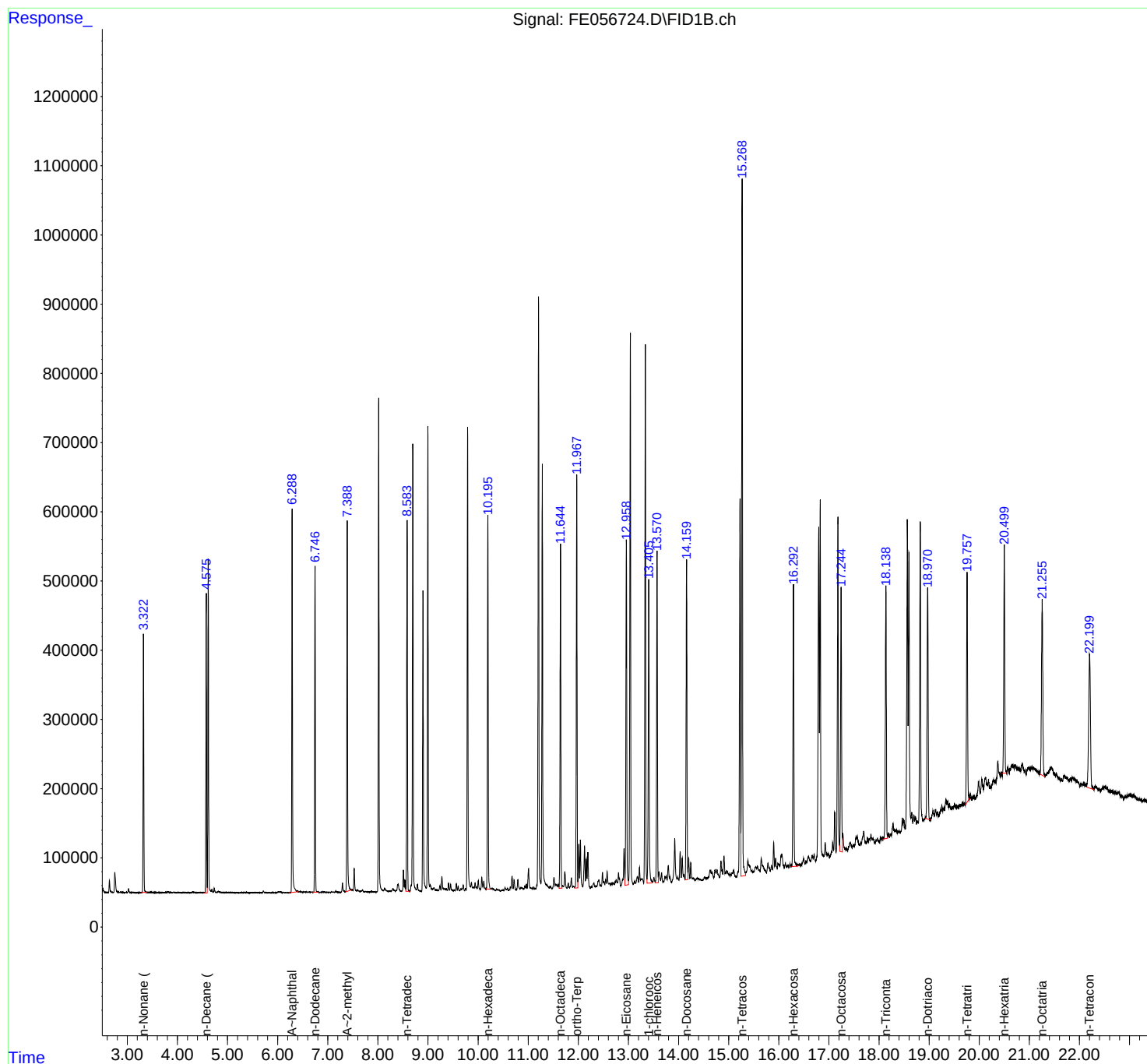
Instrument :
FID_E
ClientSampleId :
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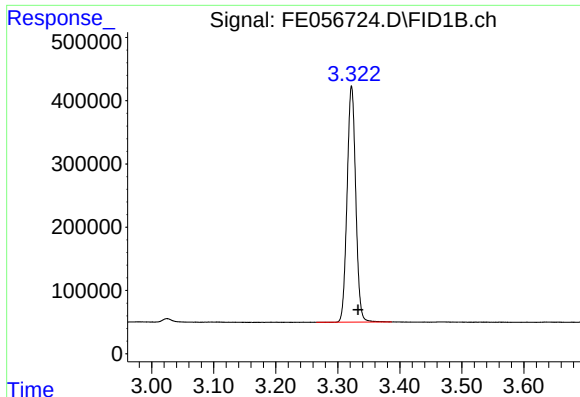
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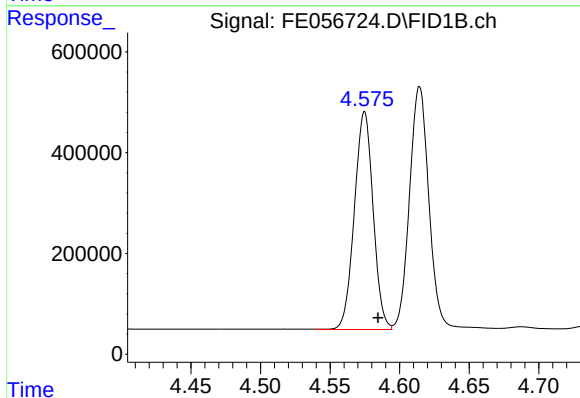
#1 n-Nonane (C9)

R.T.: 3.322 min
Delta R.T.: -0.011 min
Response: 3607795
Conc: 21.48 ug/ml

Instrument :
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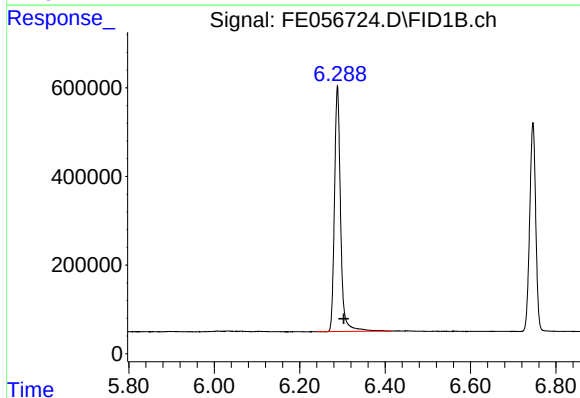
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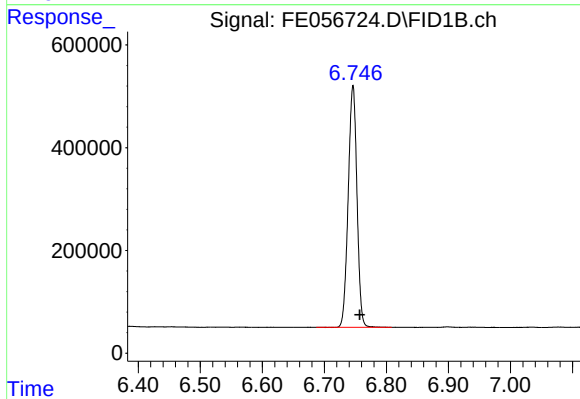
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.010 min
Response: 4057771
Conc: 23.65 ug/ml m



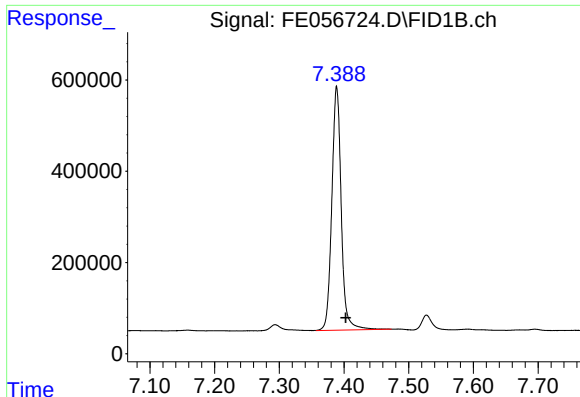
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: -0.015 min
Response: 5505224
Conc: 29.82 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.746 min
Delta R.T.: -0.011 min
Response: 4617537
Conc: 26.55 ug/ml



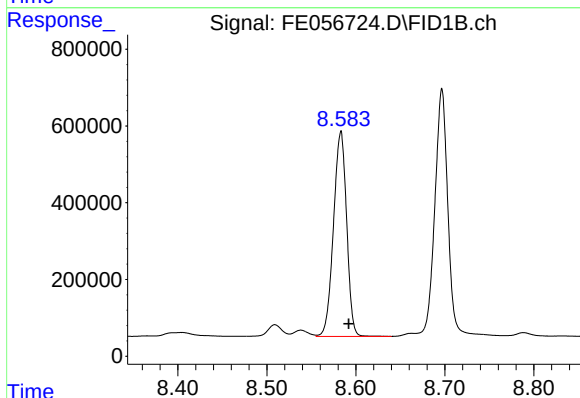
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.389 min
Delta R.T.: -0.014 min
Response: 5399924
Conc: 30.47 ug/ml

Instrument :
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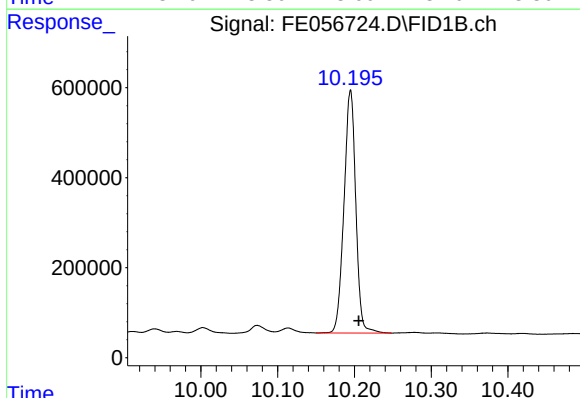
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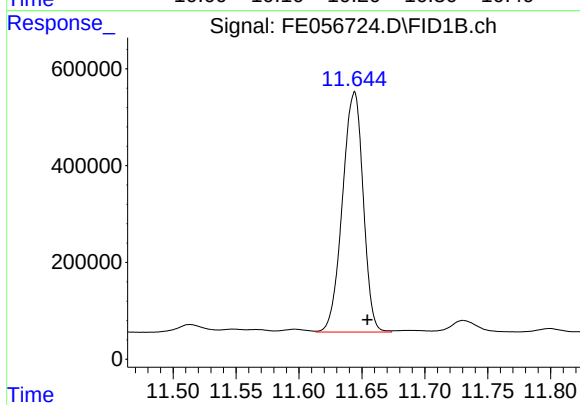
#6 n-Tetradecane (C14)

R.T.: 8.583 min
Delta R.T.: -0.009 min
Response: 5472713
Conc: 31.35 ug/ml



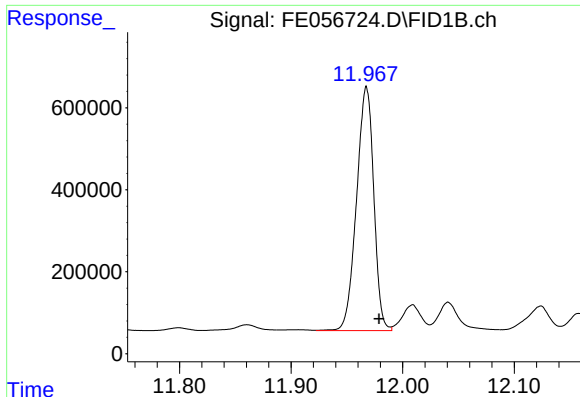
#7 n-Hexadecane (C16)

R.T.: 10.195 min
Delta R.T.: -0.011 min
Response: 5759440
Conc: 31.48 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.644 min
Delta R.T.: -0.011 min
Response: 5692456
Conc: 30.08 ug/ml



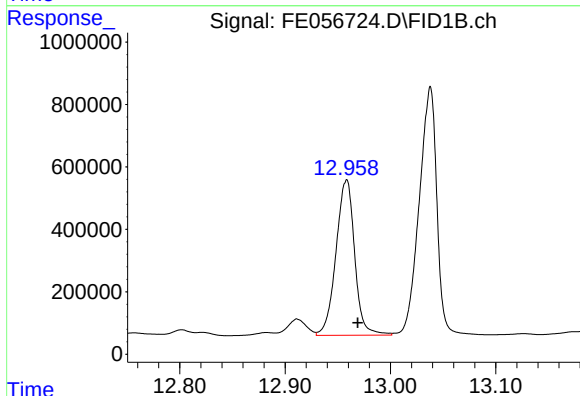
#9 ortho-Terphenyl (SURR)

R.T.: 11.967 min
Delta R.T.: -0.011 min
Response: 6381347
Conc: 30.55 ug/ml

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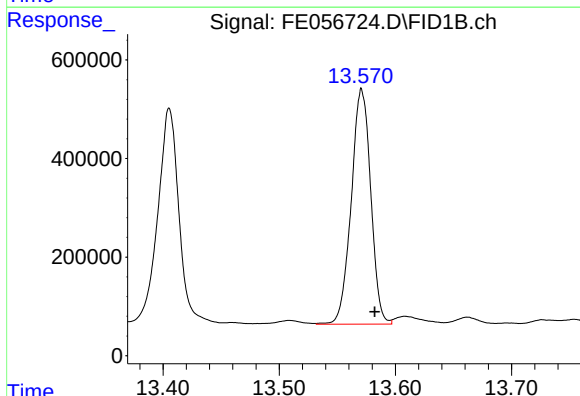
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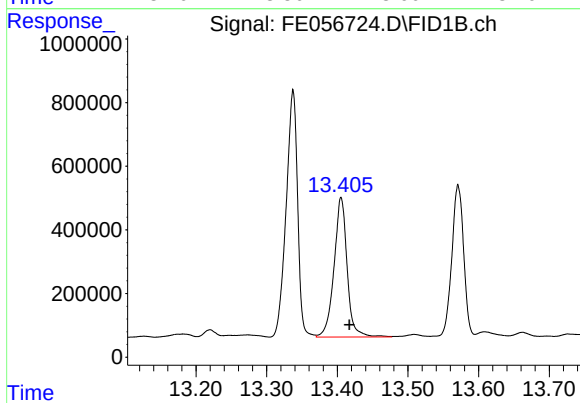
#10 n-Eicosane (C20)

R.T.: 12.958 min
Delta R.T.: -0.011 min
Response: 6146294
Conc: 32.98 ug/ml



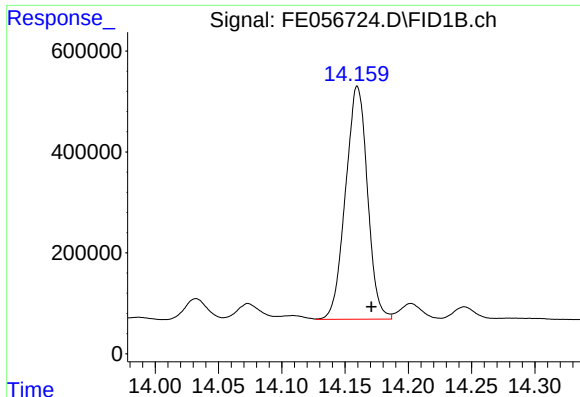
#11 n-Heneicosane (C21)

R.T.: 13.571 min
Delta R.T.: -0.011 min
Response: 5560666
Conc: 30.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.405 min
Delta R.T.: -0.012 min
Response: 5639623
Conc: 35.00 ug/ml



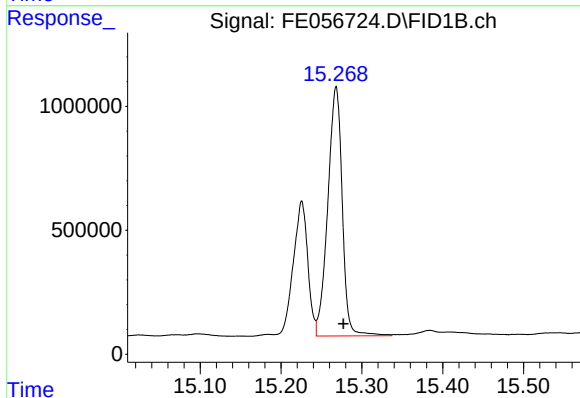
#13 n-Docosane (C22)

R.T.: 14.160 min
Delta R.T.: -0.011 min
Response: 5573180
Conc: 29.77 ug/ml

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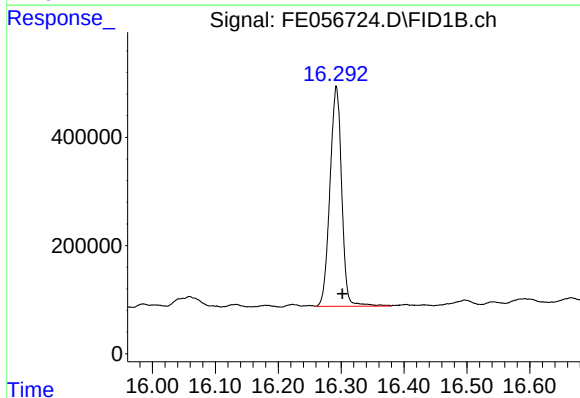
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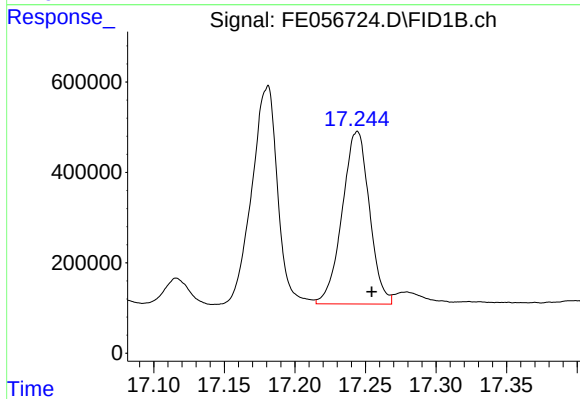
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: -0.009 min
Response: 12507326
Conc: 63.86 ug/ml



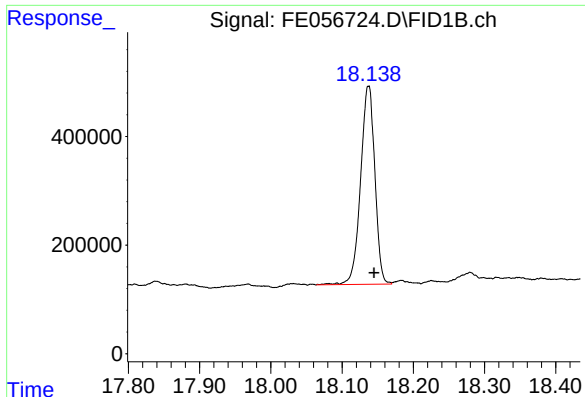
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: -0.010 min
Response: 5285327
Conc: 27.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: -0.010 min
Response: 5126715
Conc: 26.47 ug/ml m



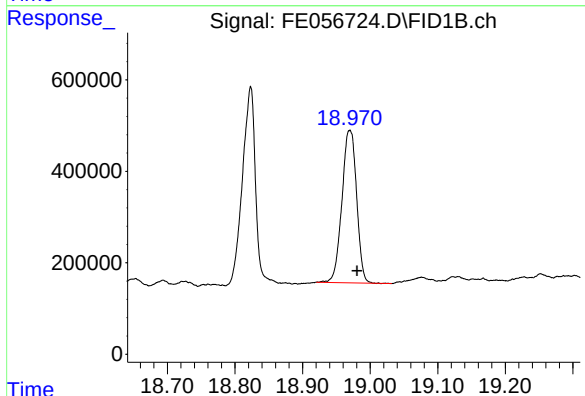
#17 n-Tricontane (C30)

R.T.: 18.137 min
Delta R.T.: -0.008 min
Response: 5078915
Conc: 25.33 ug/ml

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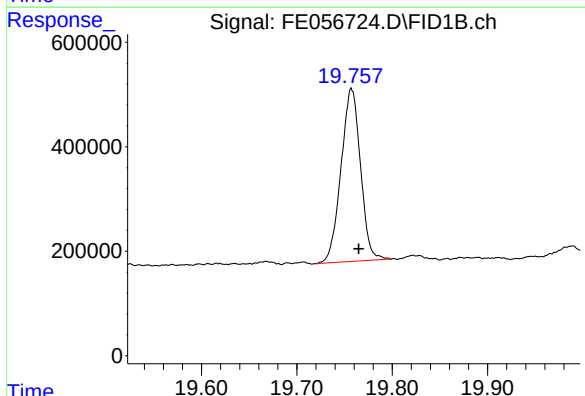
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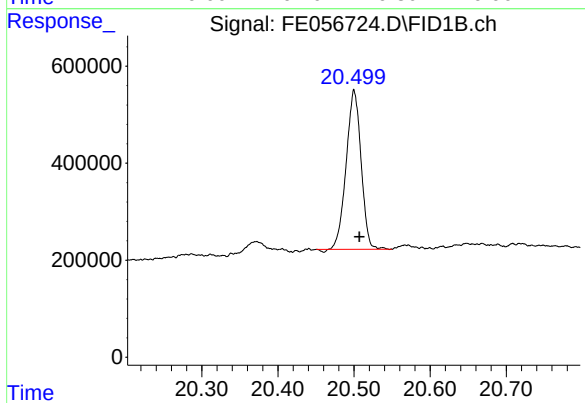
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: -0.011 min
Response: 5032660
Conc: 25.59 ug/ml



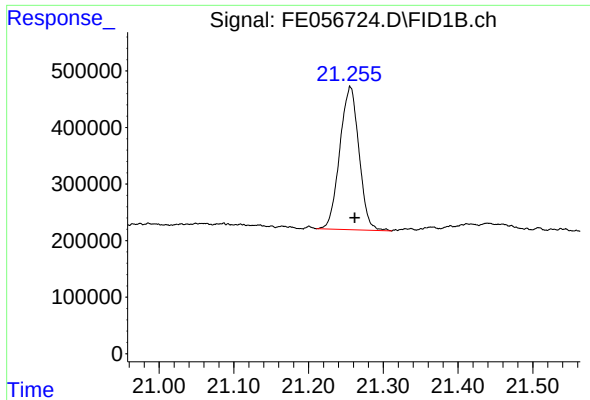
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min
Delta R.T.: -0.008 min
Response: 4708050
Conc: 27.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.500 min
Delta R.T.: -0.007 min
Response: 4455392
Conc: 30.80 ug/ml



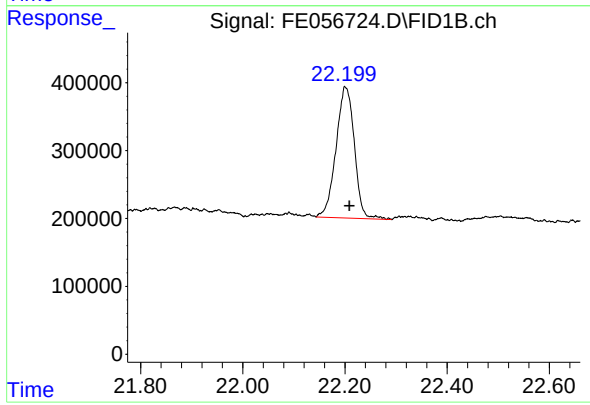
#21 n-Octatriacontane (C38)

R.T.: 21.256 min
Delta R.T.: -0.006 min
Response: 4501900
Conc: 35.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.201 min
Delta R.T.: -0.008 min
Response: 4803912
Conc: 41.55 ug/ml