

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111325AL\
 Data File : FE056812.D
 Signal(s) : FID1B.ch
 Acq On : 13 Nov 2025 11:29
 Operator : YP\AJ
 Sample : PB170504BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170504BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/14/2025
 Supervised By :Sohil Jodhani 11/14/2025

Integration File: sample.E
 Quant Time: Nov 14 00:17:23 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)	11.953	7104401	34.007 ug/ml
Spiked Amount 50.000		Recovery =	68.01%
12) S 1-chlorooctadecane (S...	13.390	4792946	29.748 ug/ml
Spiked Amount 50.000		Recovery =	59.50%
Target Compounds			
1) T n-Nonane (C9)	3.324	5429780	32.327 ug/ml
2) T n-Decane (C10)	4.571	5775262	33.657 ug/mlm
3) T A~Naphthalene (C11.7)	6.282	7067298	38.288 ug/ml
4) T n-Dodecane (C12)	6.739	6199772	35.645 ug/ml
5) T A~2-methylnaphthalene...	7.380	6448144	36.384 ug/ml
6) T n-Tetradecane (C14)	8.573	6539074	37.462 ug/ml
7) T n-Hexadecane (C16)	10.183	6772548	37.017 ug/ml
8) T n-Octadecane (C18)	11.630	6798665	35.920 ug/ml
10) T n-Eicosane (C20)	12.944	6751304	36.227 ug/ml
11) T n-Heneicosane (C21)	13.557	6589075	35.833 ug/ml
13) T n-Docosane (C22)	14.145	6488644	34.661 ug/ml
14) T n-Tetracosane (C24)	15.250	13801980	70.467 ug/ml
15) T n-Hexacosane (C26)	16.276	6177452	31.787 ug/ml
16) T n-Octacosane (C28)	17.225	6375987	32.923 ug/ml
17) T n-Tricontane (C30)	18.116	5961087	29.732 ug/ml
18) T n-Dotriacontane (C32)	18.949	5884419	29.923 ug/ml
19) T n-Tetratriacontane (C34)	19.734	5068272	29.363 ug/ml
20) T n-Hexatriacontane (C36)	20.474	3949009	27.299 ug/ml
21) T n-Octatriacontane (C38)	21.223	3075118	24.433 ug/ml
22) T n-Tetracontane (C40)	22.158f	2604018	22.523 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB170504BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

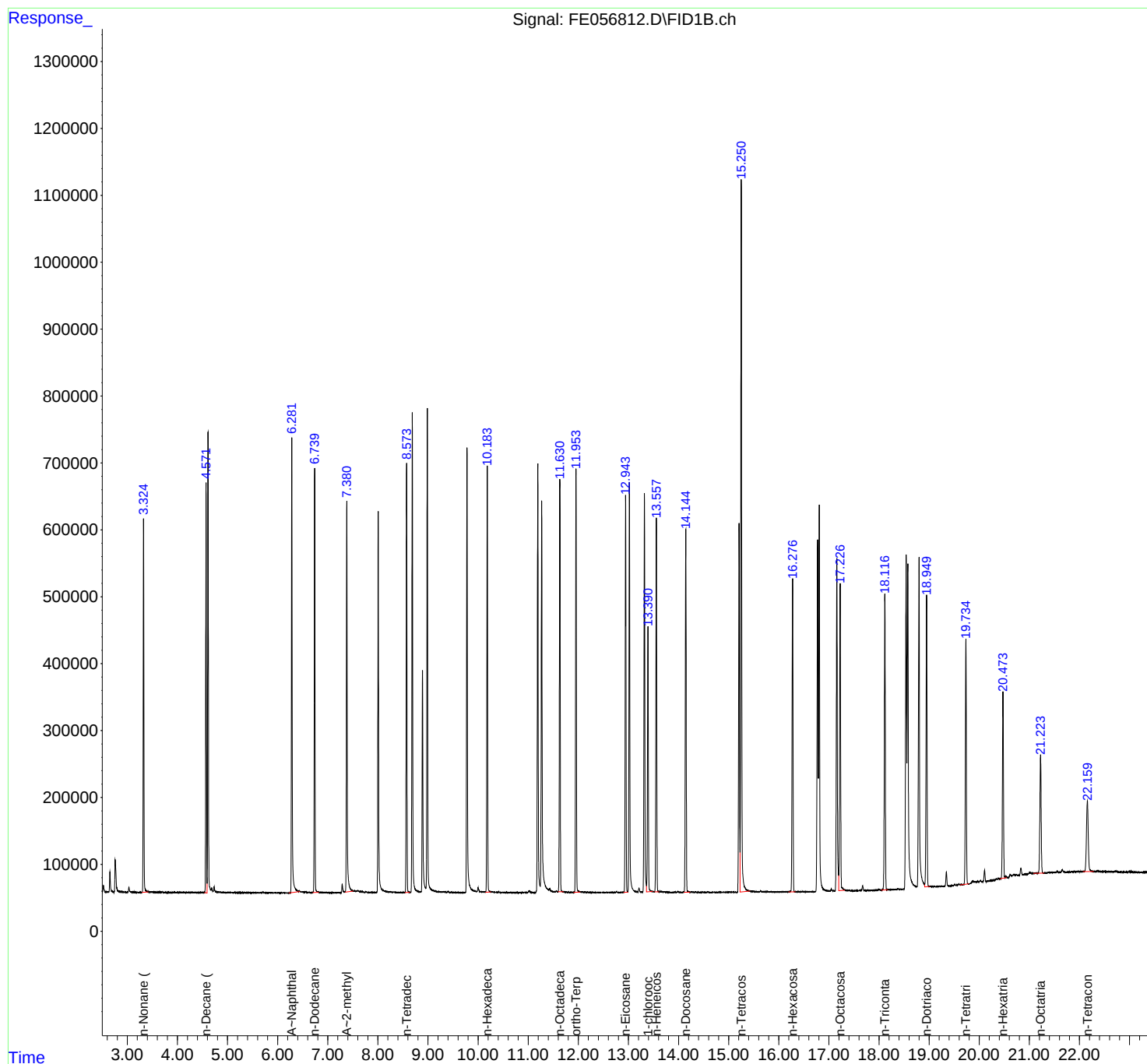
Instrument :
FID_E
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PB170504BSD

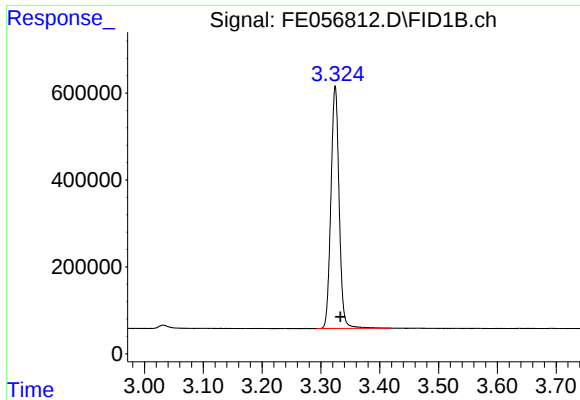
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#1 n-Nonane (C9)

R.T.: 3.324 min
Delta R.T.: -0.009 min
Response: 5429780
Conc: 32.33 ug/ml

Instrument :

FID_E

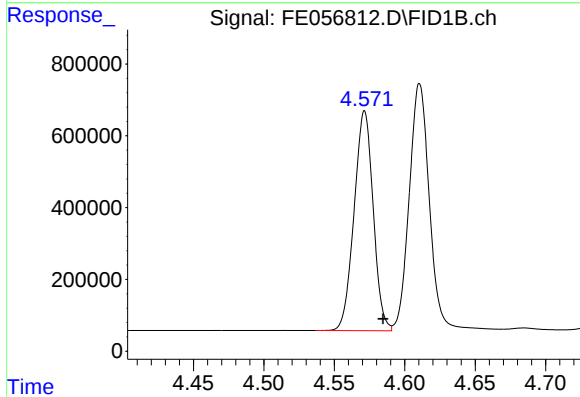
ClientSampleId :

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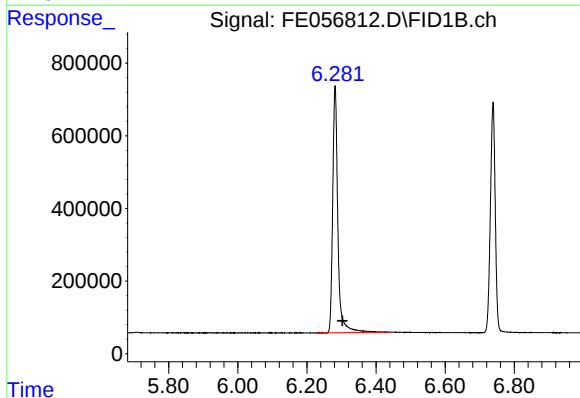
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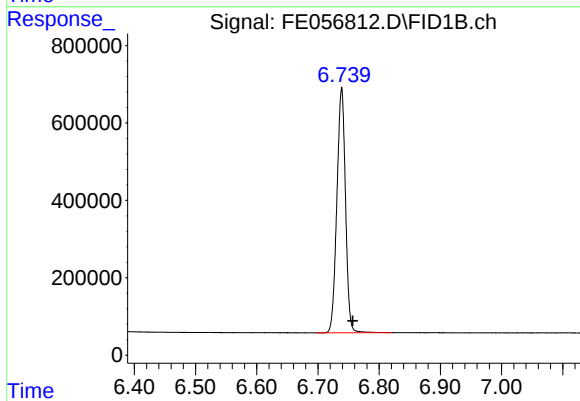
#2 n-Decane (C10)

R.T.: 4.571 min
Delta R.T.: -0.013 min
Response: 5775262
Conc: 33.66 ug/ml m



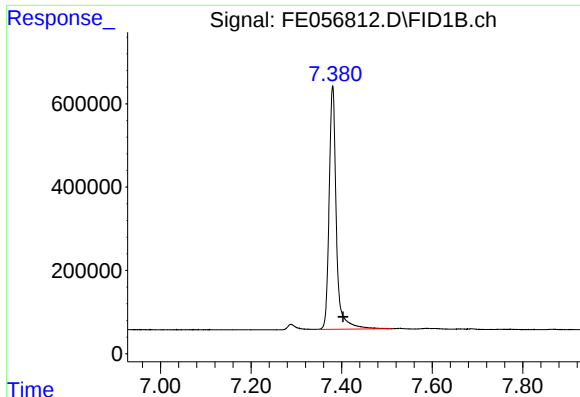
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.022 min
Response: 7067298
Conc: 38.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.739 min
Delta R.T.: -0.018 min
Response: 6199772
Conc: 35.65 ug/ml



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

R.T.: 7.380 min
Delta R.T.: -0.023 min
Response: 6448144
Conc: 36.38 ug/ml

Instrument :

FID_E

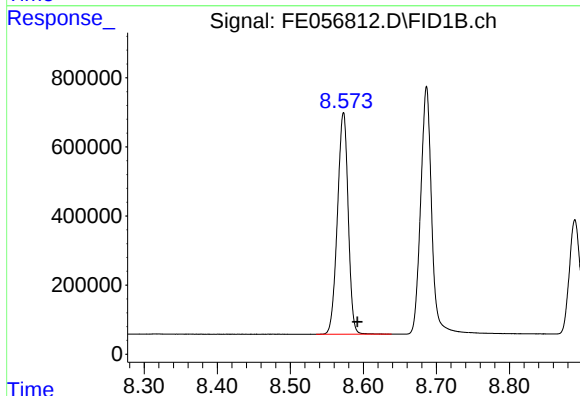
ClientSampleId :

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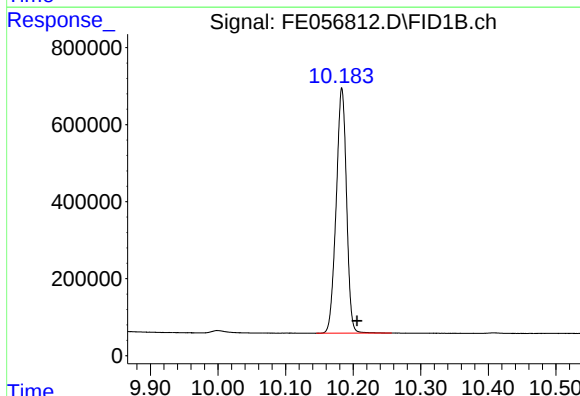
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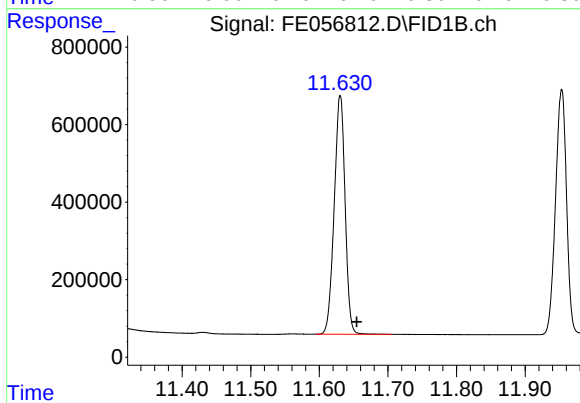
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: -0.019 min
Response: 6539074
Conc: 37.46 ug/ml



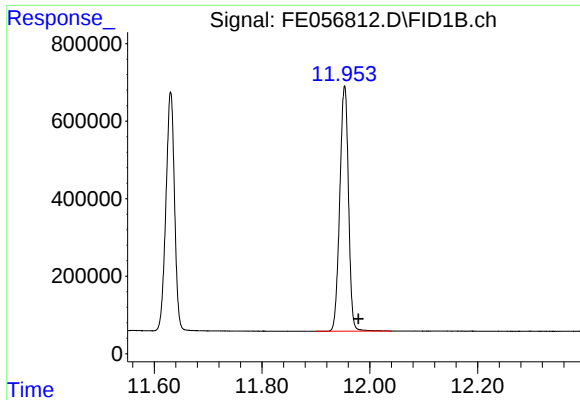
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.022 min
Response: 6772548
Conc: 37.02 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.630 min
Delta R.T.: -0.024 min
Response: 6798665
Conc: 35.92 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.953 min
Delta R.T.: -0.026 min
Response: 7104401
Conc: 34.01 ug/ml

Instrument :

FID_E

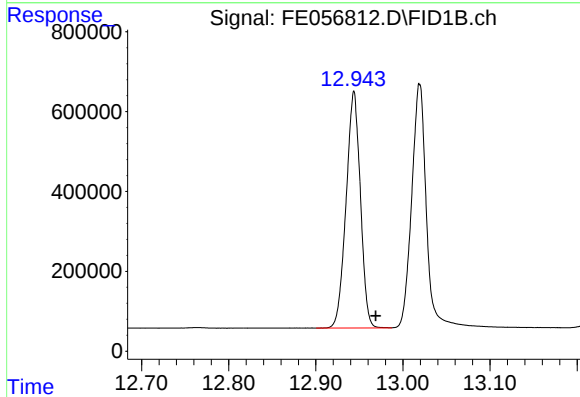
ClientSampleId :

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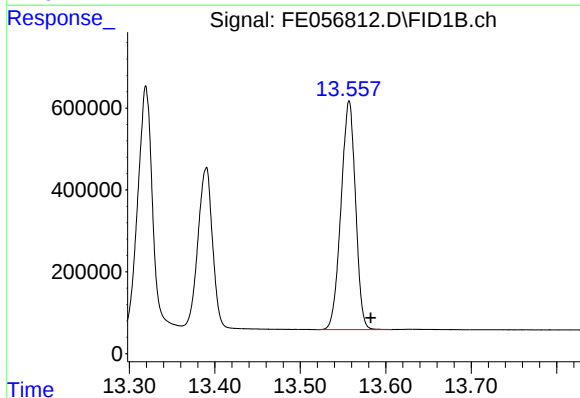
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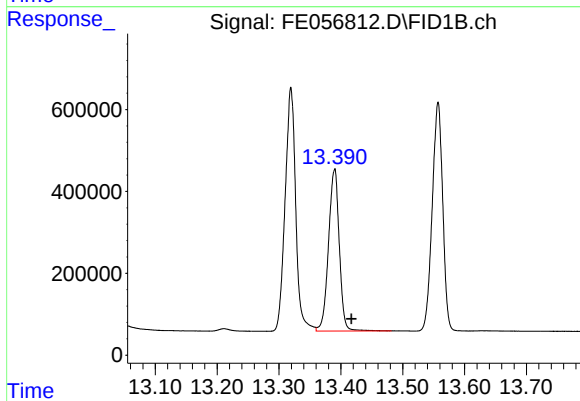
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.025 min
Response: 6751304
Conc: 36.23 ug/ml



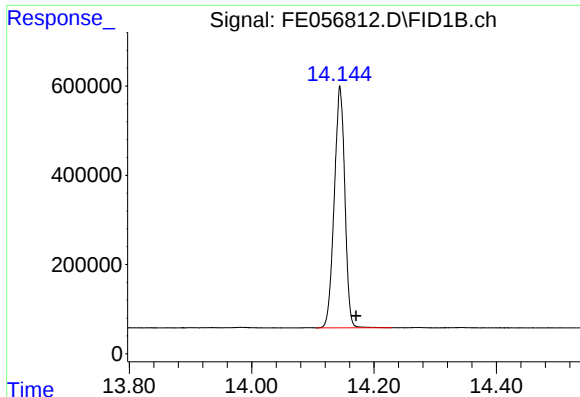
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.025 min
Response: 6589075
Conc: 35.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.390 min
Delta R.T.: -0.028 min
Response: 4792946
Conc: 29.75 ug/ml



#13 n-Docosane (C22)

R.T.: 14.145 min
Delta R.T.: -0.026 min
Response: 6488644
Conc: 34.66 ug/ml

Instrument :

FID_E

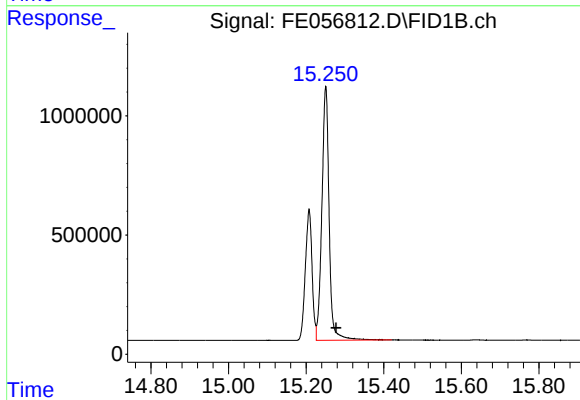
ClientSampleId :

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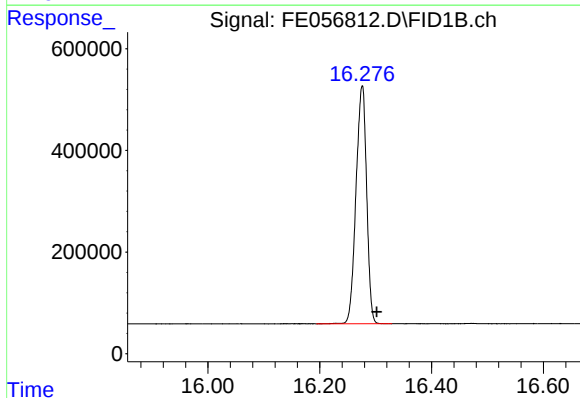
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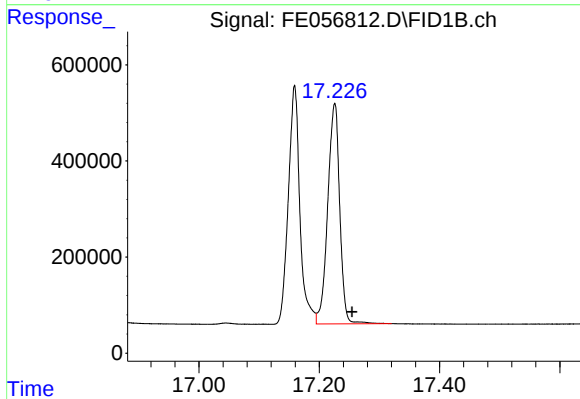
#14 n-Tetracosane (C24)

R.T.: 15.250 min
Delta R.T.: -0.027 min
Response: 13801980
Conc: 70.47 ug/ml



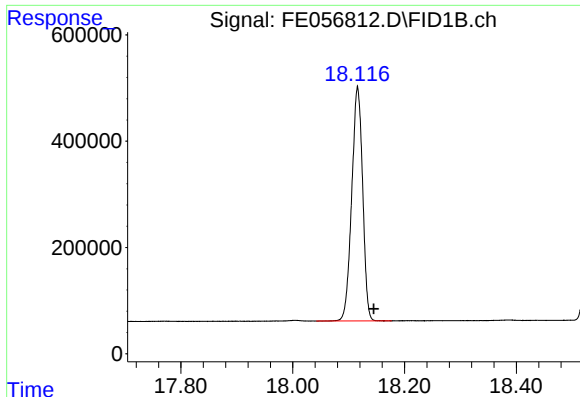
#15 n-Hexacosane (C26)

R.T.: 16.276 min
Delta R.T.: -0.026 min
Response: 6177452
Conc: 31.79 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.225 min
Delta R.T.: -0.029 min
Response: 6375987
Conc: 32.92 ug/ml



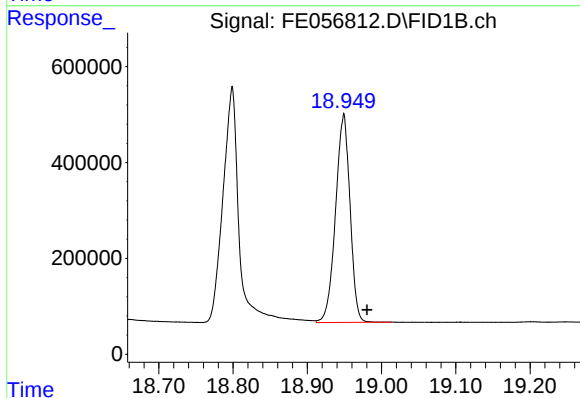
#17 n-Tricontane (C30)

R.T.: 18.116 min
Delta R.T.: -0.029 min
Response: 5961087
Conc: 29.73 ug/ml

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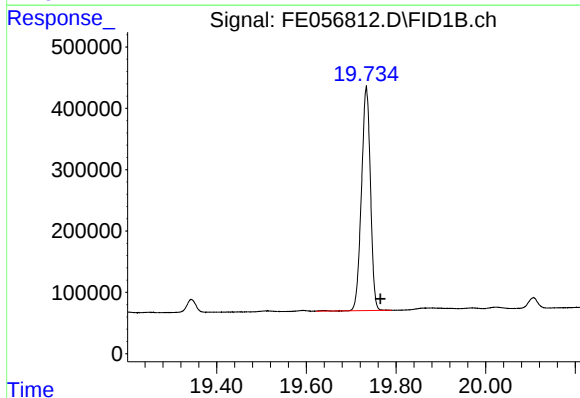
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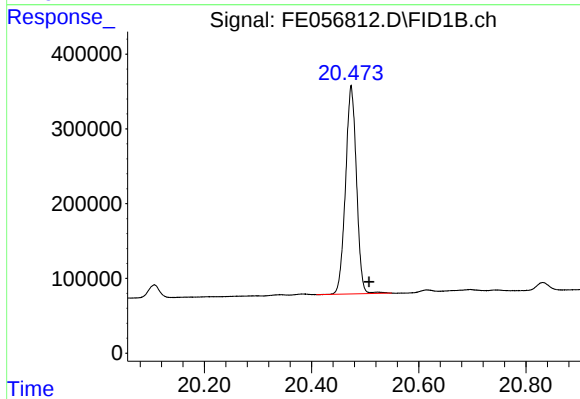
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: -0.032 min
Response: 5884419
Conc: 29.92 ug/ml



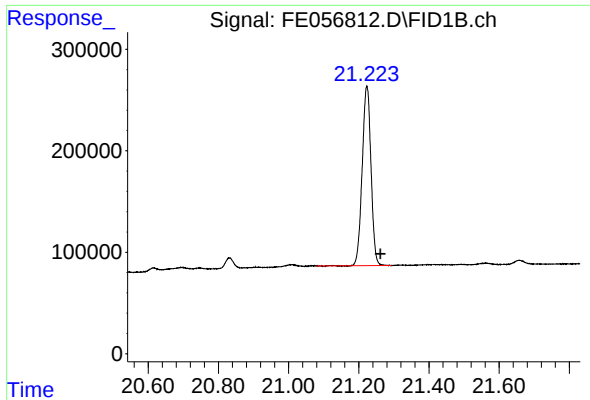
#19 n-Tetratriacontane (C34)

R.T.: 19.734 min
Delta R.T.: -0.031 min
Response: 5068272
Conc: 29.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: -0.033 min
Response: 3949009
Conc: 27.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.223 min
Delta R.T.: -0.039 min
Response: 3075118
Conc: 24.43 ug/ml

Instrument :

FID_E

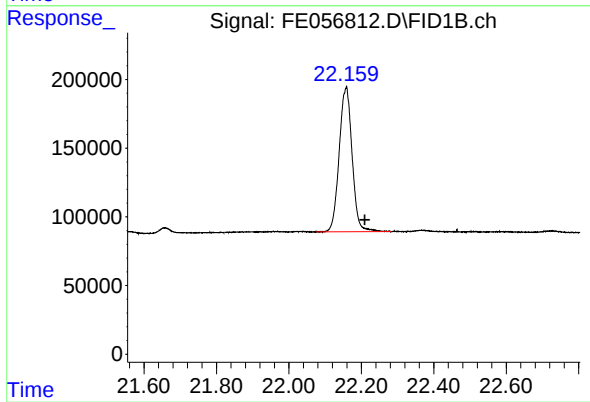
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#22 n-Tetracontane (C40)

R.T.: 22.158 min
Delta R.T.: -0.051 min
Response: 2604018
Conc: 22.52 ug/ml