

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111125AL\
 Data File : FE056748.D
 Signal(s) : FID1B.ch
 Acq On : 12 Nov 2025 00:16
 Operator : YP\AJ
 Sample : Q3581-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 VNJ-238MSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 11/12/2025
 Supervised By :Yogesh Patel 11/12/2025

Integration File: sample.E
 Quant Time: Nov 12 01:44:27 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)	11.957	7017450	33.590 ug/ml
Spiked Amount 50.000		Recovery =	67.18%
12) S 1-chlorooctadecane (S...	13.393	4896261	30.389 ug/ml
Spiked Amount 50.000		Recovery =	60.78%
Target Compounds			
1) T n-Nonane (C9)	3.320	4225917	25.160 ug/ml
2) T n-Decane (C10)	4.572	4782741	27.872 ug/mlm
3) T A~Naphthalene (C11.7)	6.285	5933377	32.144 ug/ml
4) T n-Dodecane (C12)	6.742	5213074	29.972 ug/ml
5) T A~2-methylnaphthalene...	7.384	5516010	31.125 ug/ml
6) T n-Tetradecane (C14)	8.576	5560152	31.854 ug/ml
7) T n-Hexadecane (C16)	10.186	5977927	32.674 ug/ml
8) T n-Octadecane (C18)	11.634	6257867	33.063 ug/ml
10) T n-Eicosane (C20)	12.947	6310984	33.864 ug/ml
11) T n-Heneicosane (C21)	13.560	6192862	33.679 ug/ml
13) T n-Docosane (C22)	14.148	6200284	33.121 ug/ml
14) T n-Tetracosane (C24)	15.254	12884015	65.780 ug/ml
15) T n-Hexacosane (C26)	16.279	5810235	29.898 ug/ml
16) T n-Octacosane (C28)	17.229	5793114	29.914 ug/mlm
17) T n-Tricontane (C30)	18.119	5512211	27.493 ug/ml
18) T n-Dotriacontane (C32)	18.952	5369969	27.307 ug/mlm
19) T n-Tetratriacontane (C34)	19.736	5172252	29.965 ug/mlm
20) T n-Hexatriacontane (C36)	20.477	4936580	34.126 ug/mlm
21) T n-Octatriacontane (C38)	21.227	4939740	39.247 ug/mlm
22) T n-Tetracontane (C40)	22.163	5044151	43.629 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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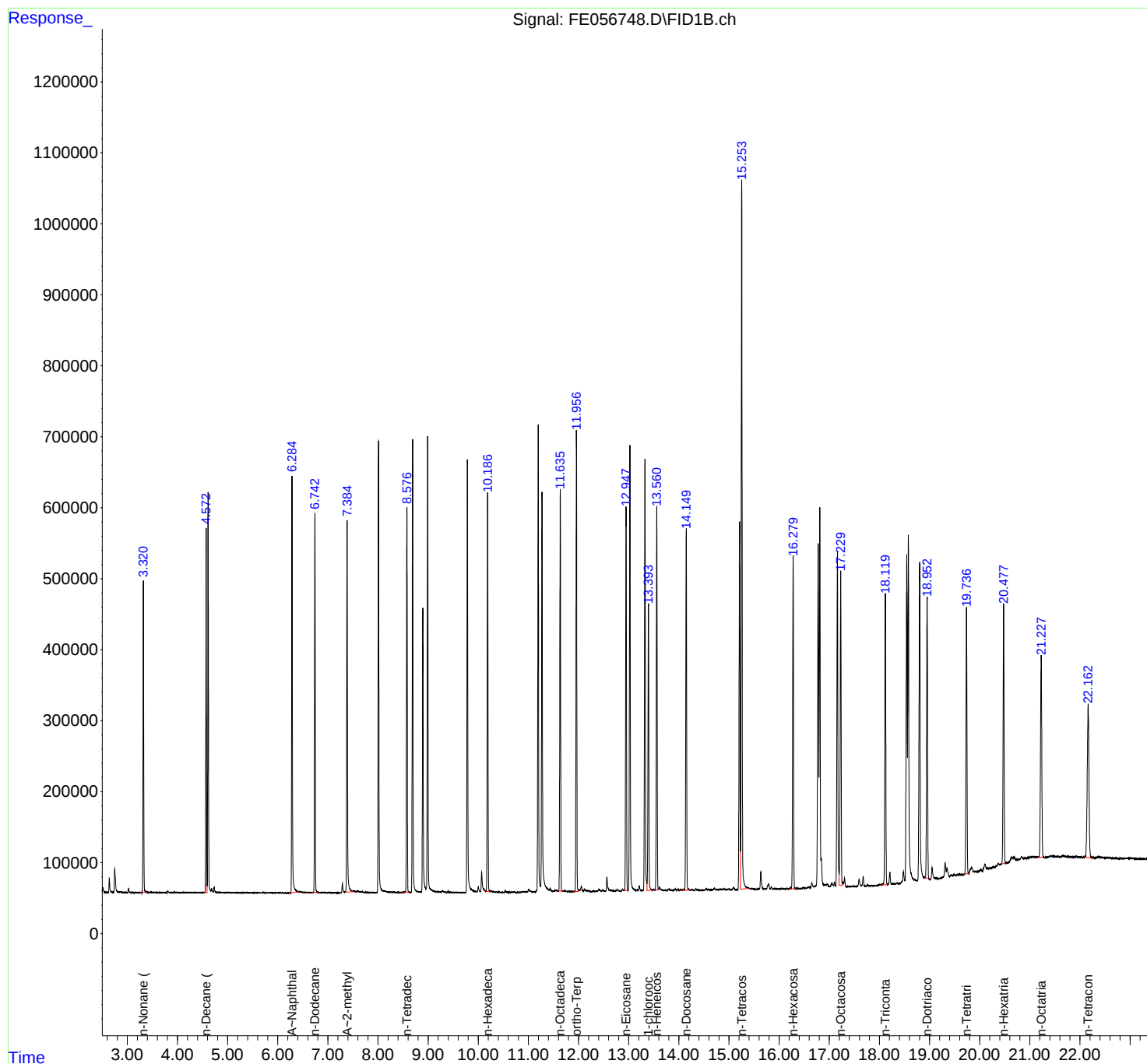
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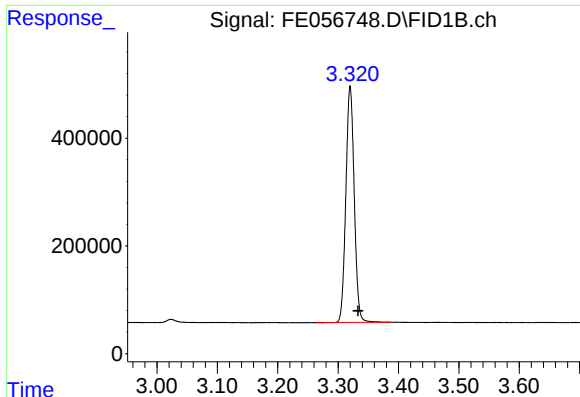
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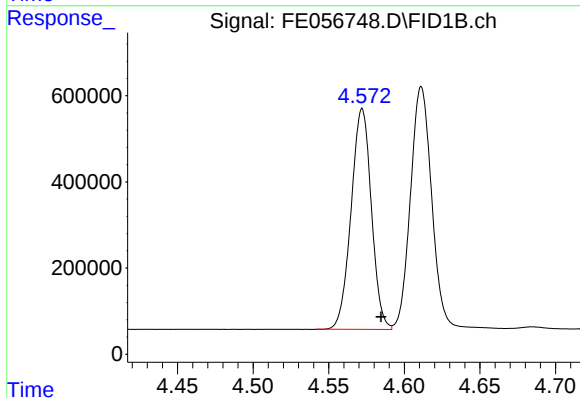
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: -0.013 min
Response: 4225917
Conc: 25.16 ug/ml

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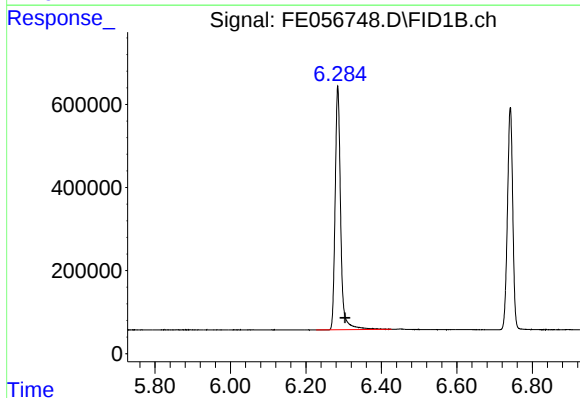
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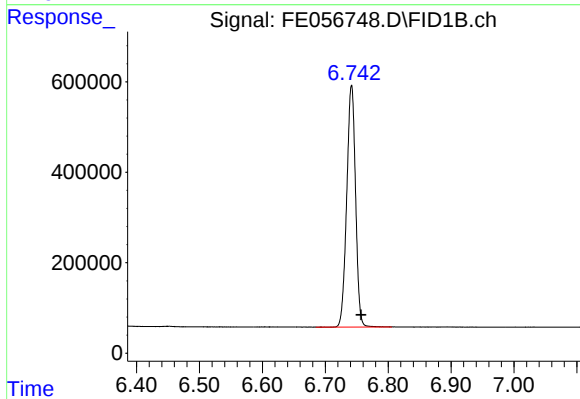
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: -0.013 min
Response: 4782741
Conc: 27.87 ug/ml m



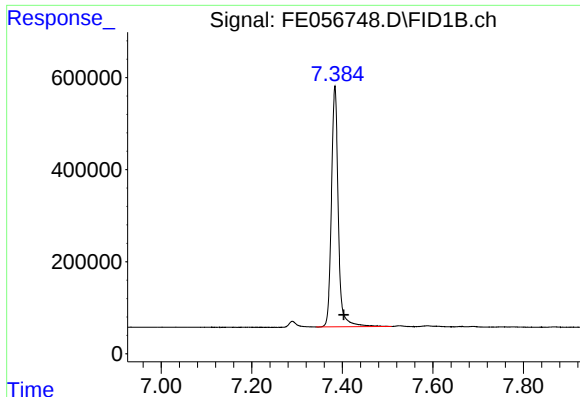
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.019 min
Response: 5933377
Conc: 32.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.015 min
Response: 5213074
Conc: 29.97 ug/ml



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

R.T.: 7.384 min
Delta R.T.: -0.019 min
Response: 5516010
Conc: 31.12 ug/ml

Instrument :

FID_E

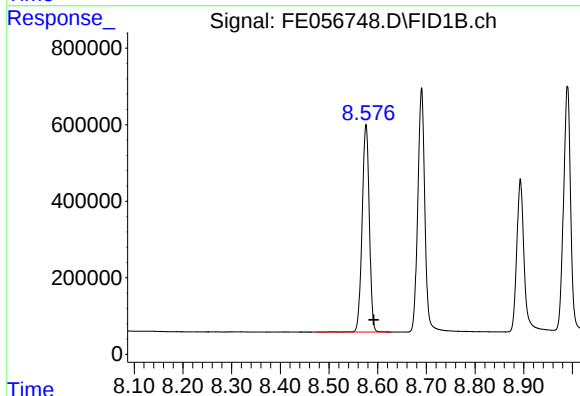
ClientSampleId :

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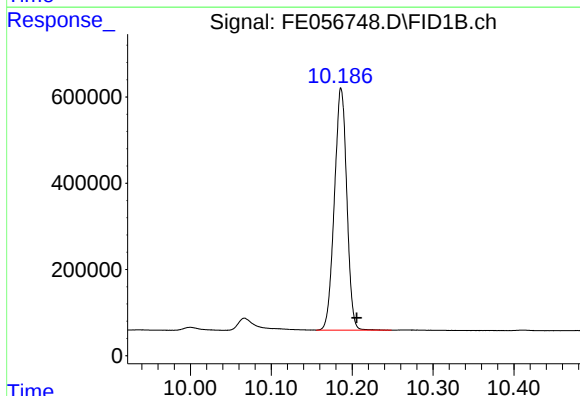
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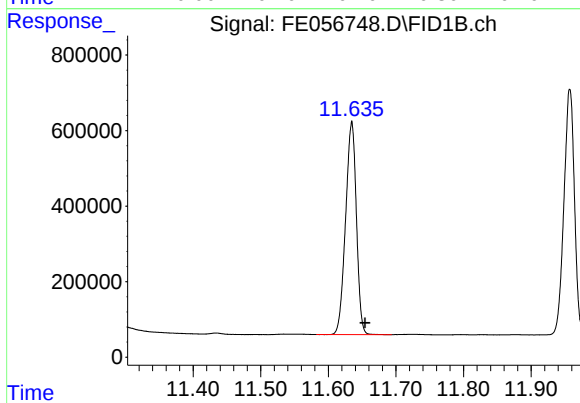
#6 n-Tetradecane (C14)

R.T.: 8.576 min
Delta R.T.: -0.016 min
Response: 5560152
Conc: 31.85 ug/ml



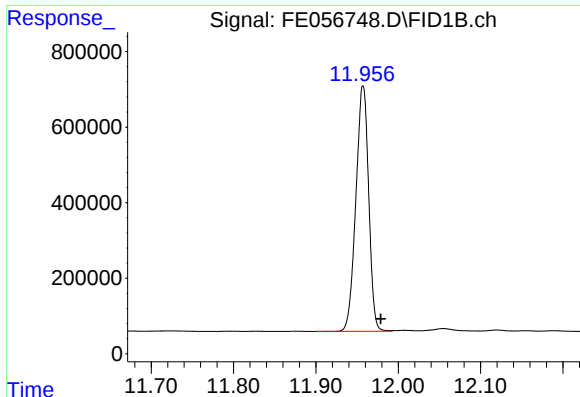
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: -0.019 min
Response: 5977927
Conc: 32.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.634 min
Delta R.T.: -0.020 min
Response: 6257867
Conc: 33.06 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.022 min
Response: 7017450
Conc: 33.59 ug/ml

Instrument :

FID_E

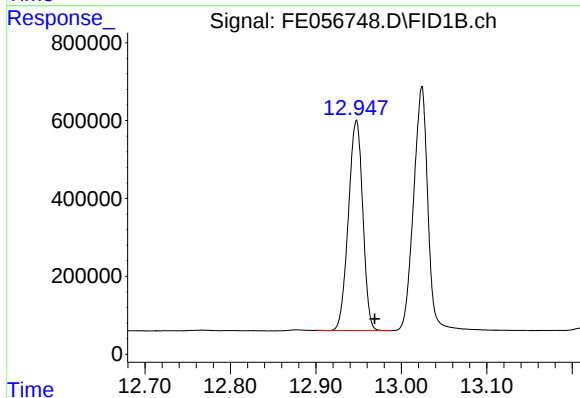
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Manual Integrations

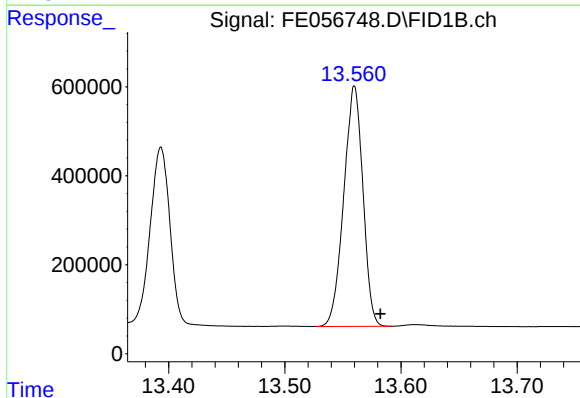
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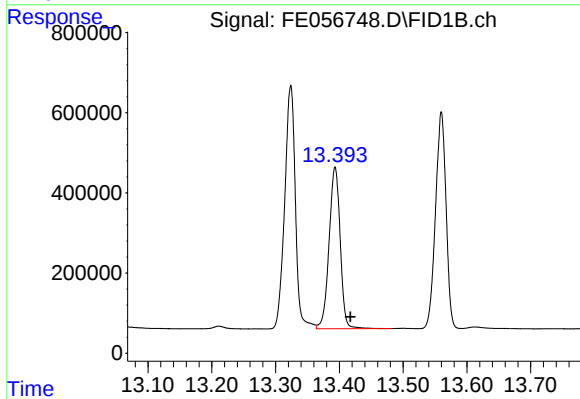
#10 n-Eicosane (C20)

R.T.: 12.947 min
Delta R.T.: -0.022 min
Response: 6310984
Conc: 33.86 ug/ml



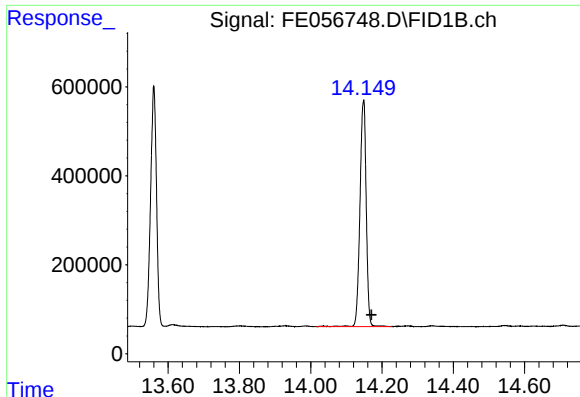
#11 n-Heneicosane (C21)

R.T.: 13.560 min
Delta R.T.: -0.022 min
Response: 6192862
Conc: 33.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.393 min
Delta R.T.: -0.024 min
Response: 4896261
Conc: 30.39 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.023 min
Response: 6200284
Conc: 33.12 ug/ml

Instrument :

FID_E

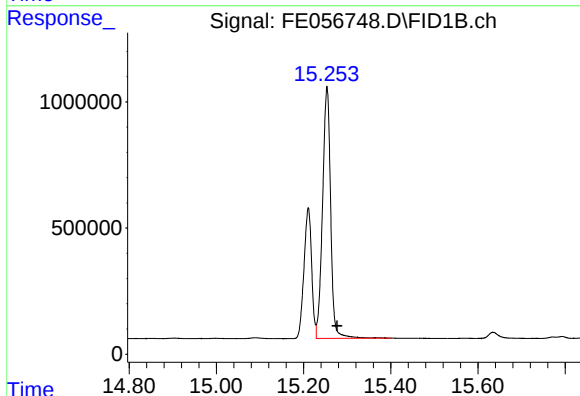
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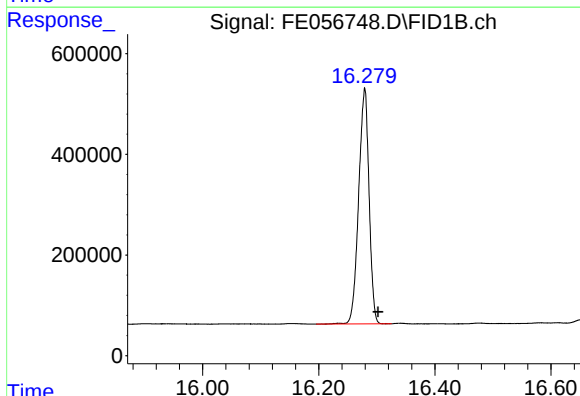
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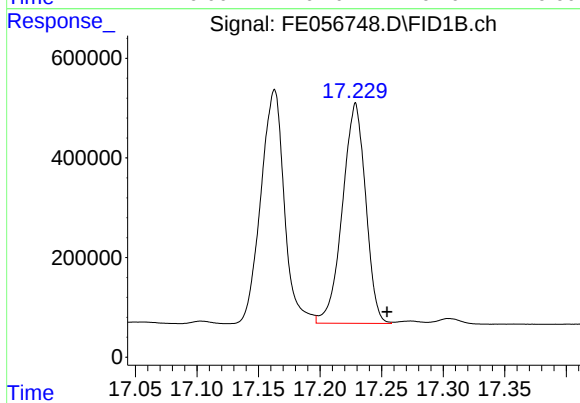
#14 n-Tetracosane (C24)

R.T.: 15.254 min
Delta R.T.: -0.024 min
Response: 12884015
Conc: 65.78 ug/ml



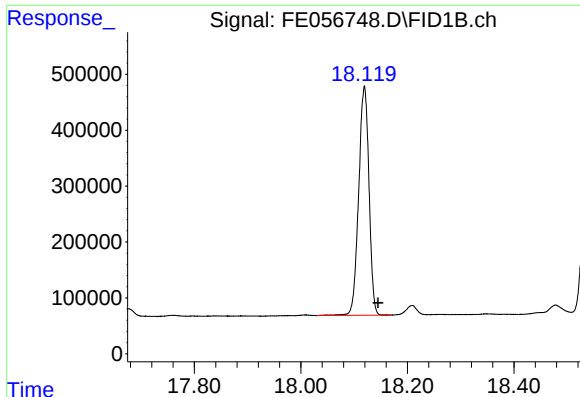
#15 n-Hexacosane (C26)

R.T.: 16.279 min
Delta R.T.: -0.023 min
Response: 5810235
Conc: 29.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.229 min
Delta R.T.: -0.026 min
Response: 5793114
Conc: 29.91 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.119 min
Delta R.T.: -0.026 min
Response: 5512211
Conc: 27.49 ug/ml

Instrument :

FID_E

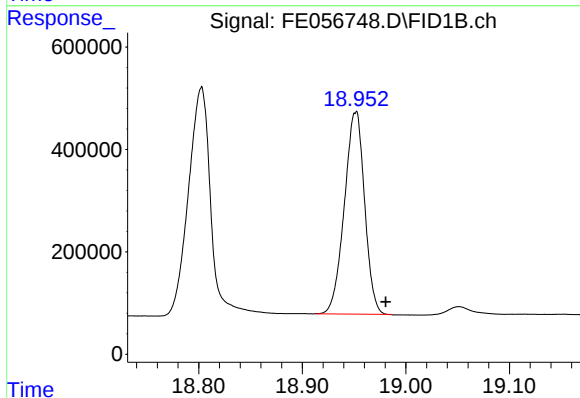
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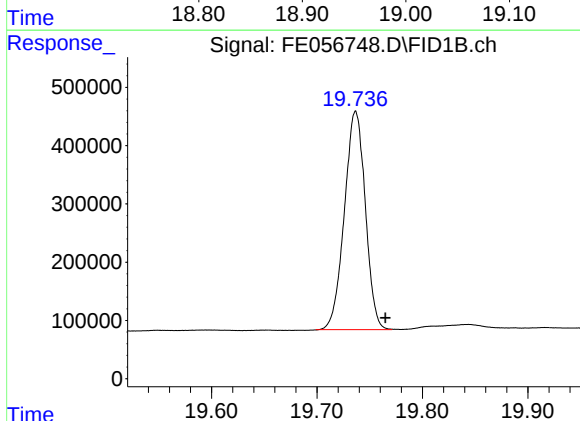
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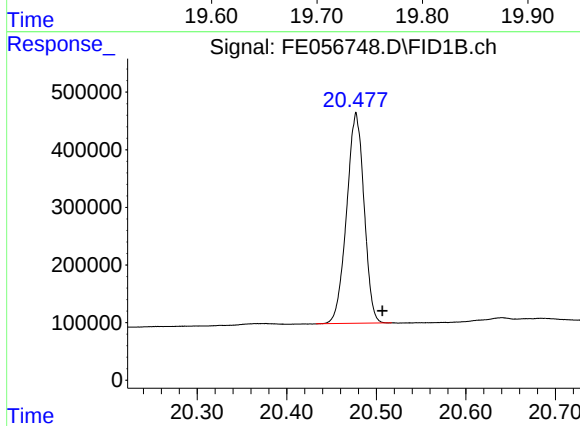
#18 n-Dotriacontane (C32)

R.T.: 18.952 min
Delta R.T.: -0.028 min
Response: 5369969
Conc: 27.31 ug/ml m



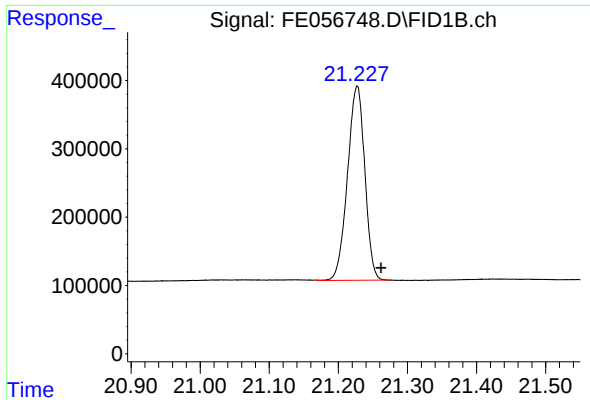
#19 n-Tetratriacontane (C34)

R.T.: 19.736 min
Delta R.T.: -0.029 min
Response: 5172252
Conc: 29.96 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.477 min
Delta R.T.: -0.030 min
Response: 4936580
Conc: 34.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.227 min
Delta R.T.: -0.035 min
Response: 4939740
Conc: 39.25 ug/ml

Instrument :

FID_E

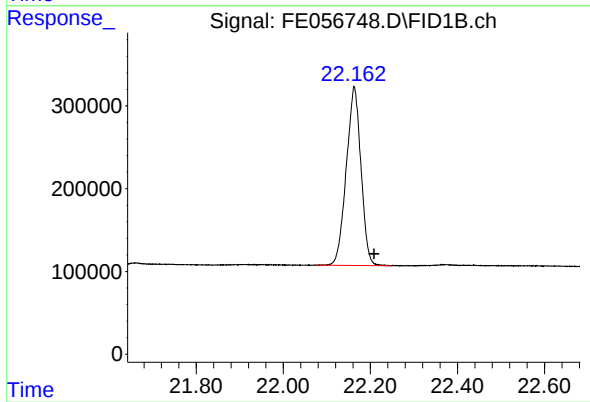
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#22 n-Tetracontane (C40)

R.T.: 22.163 min
Delta R.T.: -0.046 min
Response: 5044151
Conc: 43.63 ug/ml