

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112823AL\
 Data File : FE045552.D
 Signal(s) : FID1B.ch
 Acq On : 28 Nov 2023 13:45
 Operator : YP\AJ
 Sample : PB157427BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157427BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :Ankita Jodhani 11/29/2023

Integration File: autoint1.e

Quant Time: Nov 28 23:05:42 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M

Quant Title : GC Extractables

QLast Update : Sat Nov 04 05:16:05 2023

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)	11.868	7745077	40.565 ug/ml
Spiked Amount 50.000		Recovery =	81.13%
12) S 1-chlorooctadecane (S...	13.310	5614537	40.762 ug/ml
Spiked Amount 50.000		Recovery =	81.52%
Target Compounds			
1) T n-Nonane (C9)	3.270	7122308	43.113 ug/ml
2) T n-Decane (C10)	4.513	7477886	44.596 ug/ml
3) T A~Naphthalene (C11.7)	6.206	8480508	47.510 ug/ml
4) T n-Dodecane (C12)	6.673	7957128	47.116 ug/ml
5) T A~2-methylnaphthalene...	7.301	8337871	48.556 ug/ml
6) T n-Tetradecane (C14)	8.501	8586347	51.518 ug/ml
7) T n-Hexadecane (C16)	10.110	9090747	54.046 ug/ml
8) T n-Octadecane (C18)	11.556	9267157	55.369 ug/ml
10) T n-Eicosane (C20)	12.868	9107956	57.497 ug/ml
11) T n-Heneicosane (C21)	13.480	8584859	55.834 ug/ml
13) T n-Docosane (C22)	14.068	8448255	55.759 ug/ml
14) T n-Tetracosane (C24)	15.152	16802231	113.444 ug/mlm
15) T n-Hexacosane (C26)	16.198	8069361	55.362 ug/ml
16) T n-Octacosane (C28)	17.148	8370585	57.282 ug/ml
17) T n-Tricontane (C30)	18.037	8099857	53.324 ug/ml
18) T n-Dotriacontane (C32)	18.871	8390297	53.708 ug/ml
19) T n-Tetratriacontane (C34)	19.657	8244553	52.803 ug/mlm
20) T n-Hexatriacontane (C36)	20.400	7957220	49.022 ug/mlm
21) T n-Octatriacontane (C38)	21.135	7583987	45.647 ug/ml
22) T n-Tetracontane (C40)	22.043	6476991	37.920 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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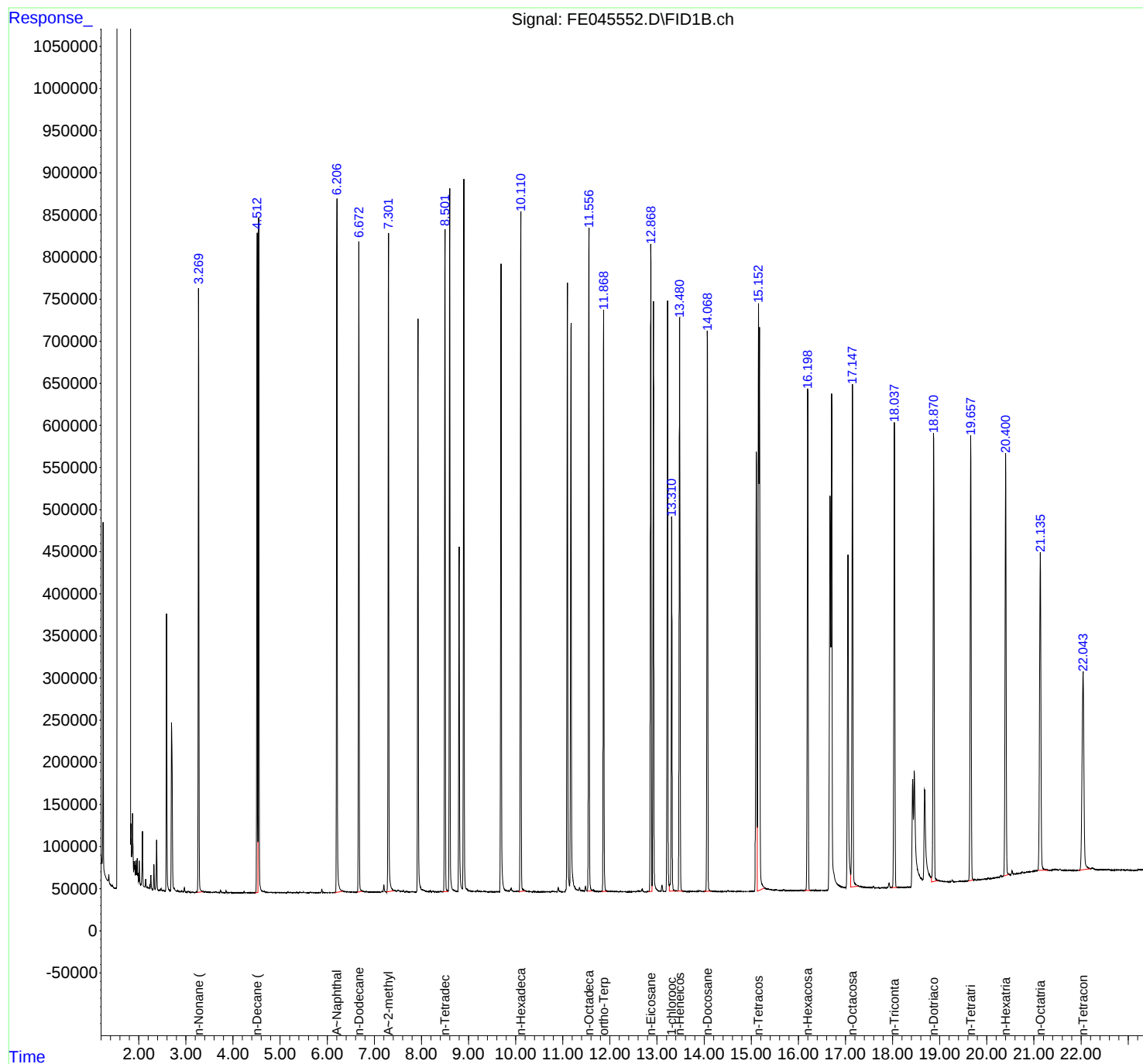
Instrument :
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PB157427BS

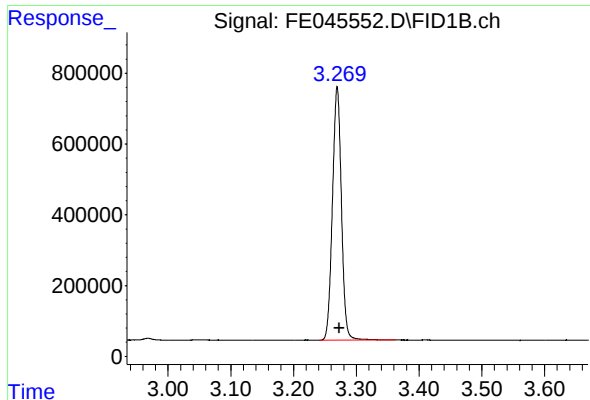
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 7122308
Conc: 43.11 ug/ml

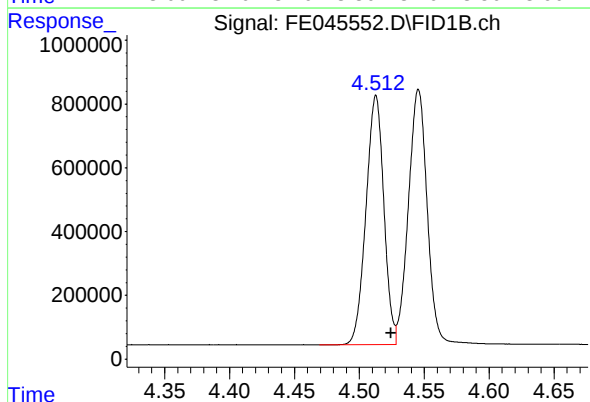
Instrument :

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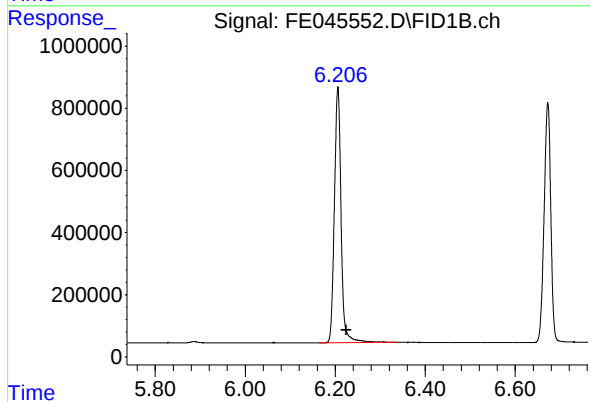
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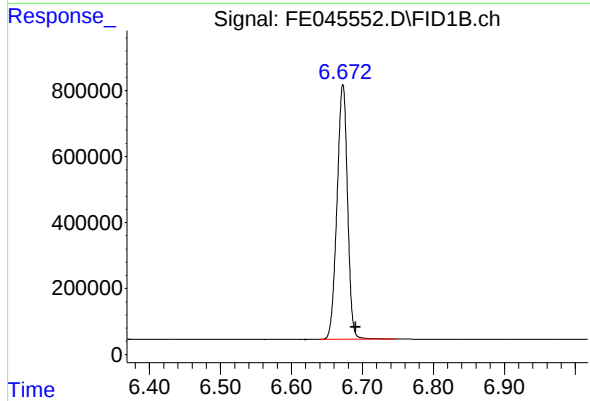
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.012 min
Response: 7477886
Conc: 44.60 ug/ml



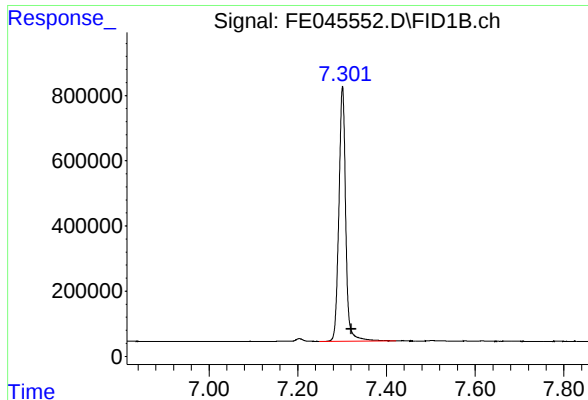
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.019 min
Response: 8480508
Conc: 47.51 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.018 min
Response: 7957128
Conc: 47.12 ug/ml



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

R.T.: 7.301 min
Delta R.T.: -0.020 min
Response: 8337871
Conc: 48.56 ug/ml

Instrument :

FID_E

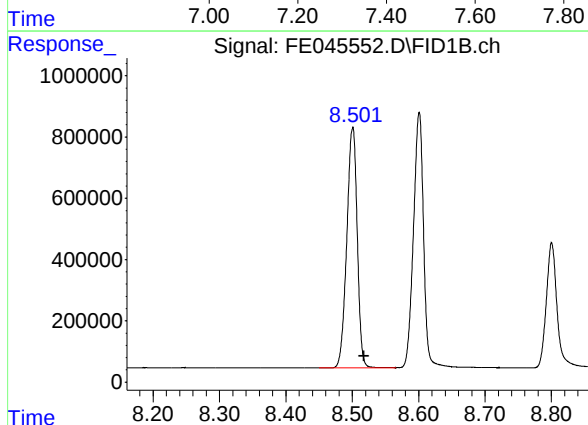
ClientSampleId :

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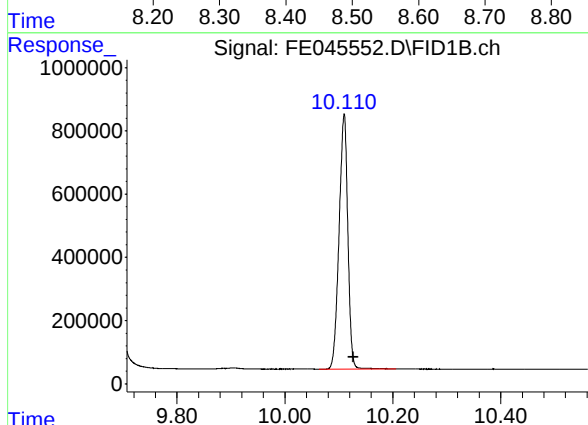
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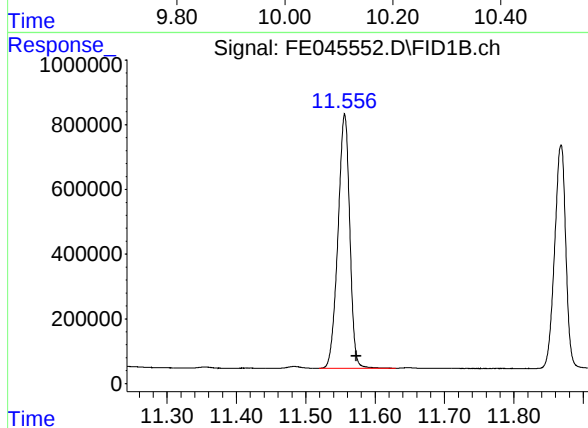
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.017 min
Response: 8586347
Conc: 51.52 ug/ml



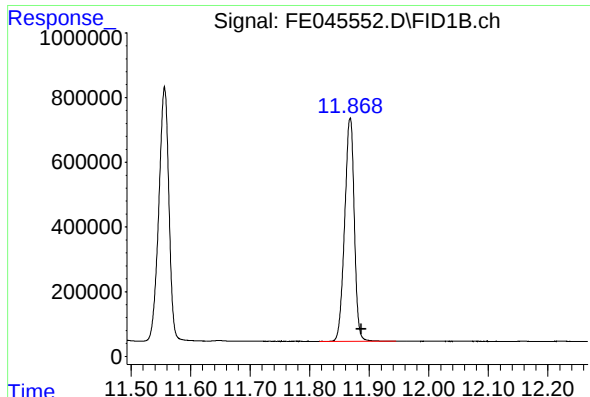
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.017 min
Response: 9090747
Conc: 54.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.556 min
Delta R.T.: -0.017 min
Response: 9267157
Conc: 55.37 ug/ml



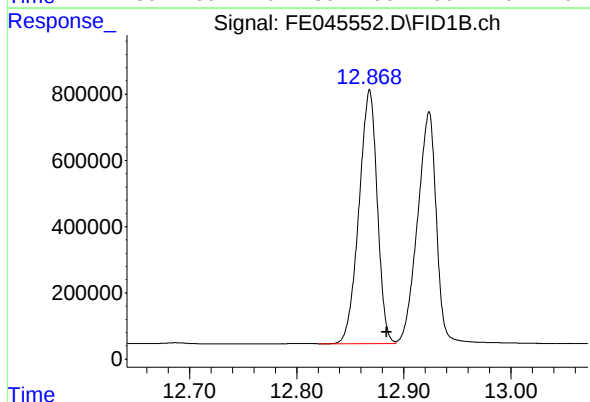
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.019 min
Response: 7745077
Conc: 40.57 ug/ml

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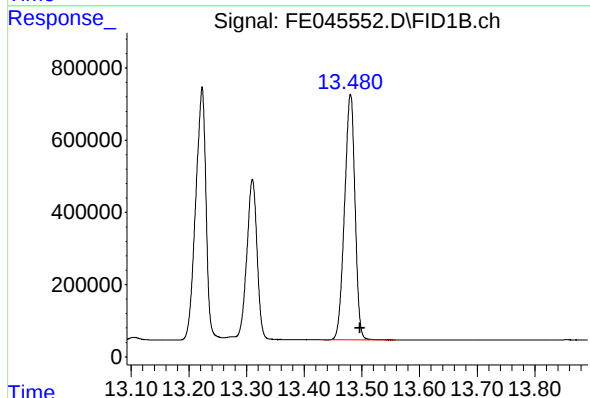
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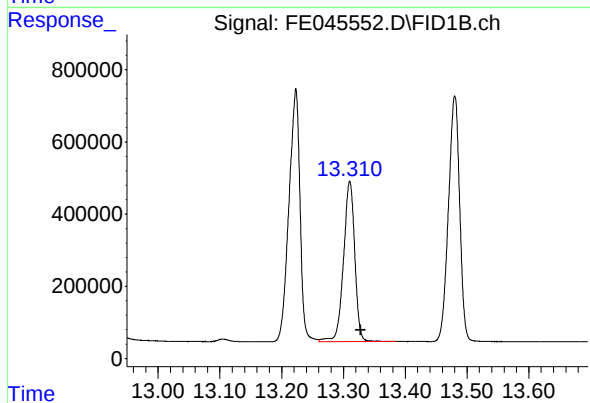
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: -0.016 min
Response: 9107956
Conc: 57.50 ug/ml



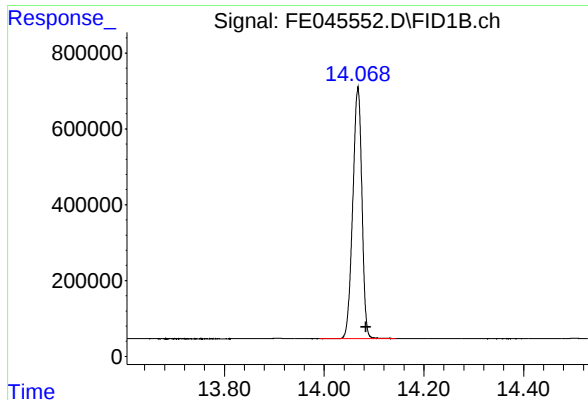
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: -0.016 min
Response: 8584859
Conc: 55.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.018 min
Response: 5614537
Conc: 40.76 ug/ml



#13 n-Docosane (C22)

R.T.: 14.068 min
Delta R.T.: -0.016 min
Response: 8448255
Conc: 55.76 ug/ml

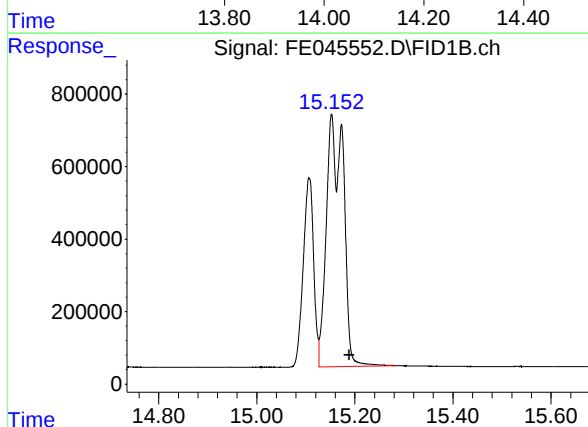
Instrument :

FID_E

ClientSampleId :
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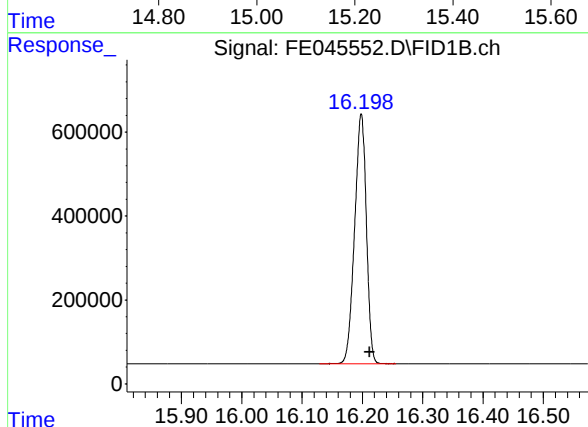
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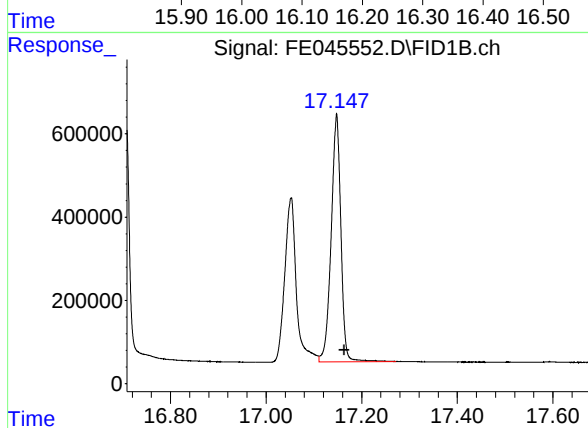
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.037 min
Response: 16802231
Conc: 113.44 ug/ml m



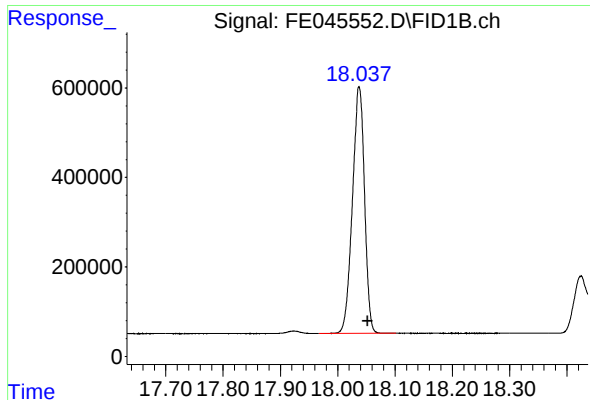
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.014 min
Response: 8069361
Conc: 55.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.148 min
Delta R.T.: -0.016 min
Response: 8370585
Conc: 57.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: -0.015 min
Response: 8099857
Conc: 53.32 ug/ml

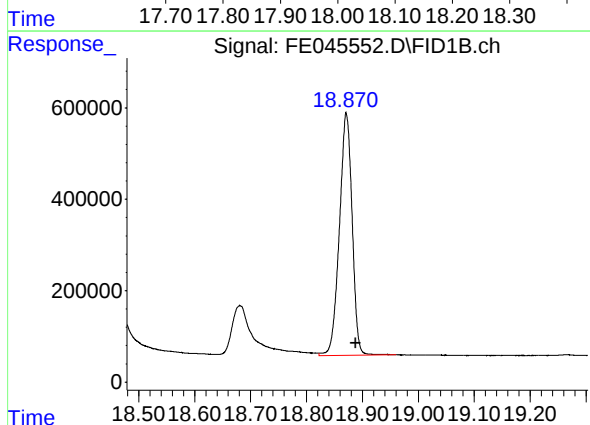
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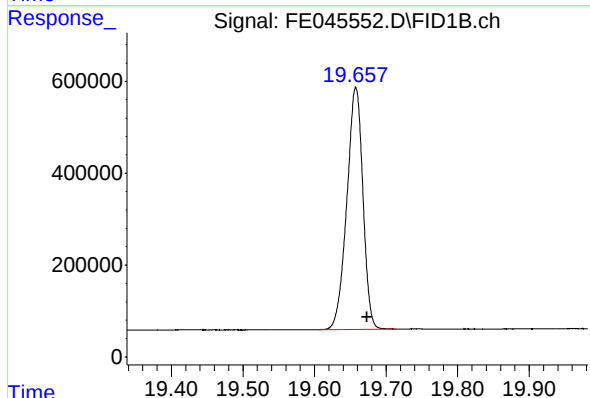
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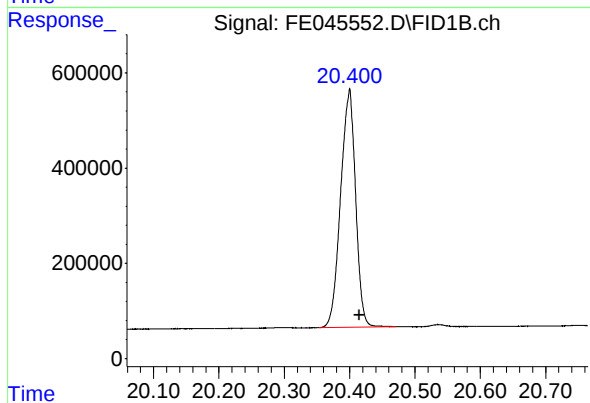
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.016 min
Response: 8390297
Conc: 53.71 ug/ml



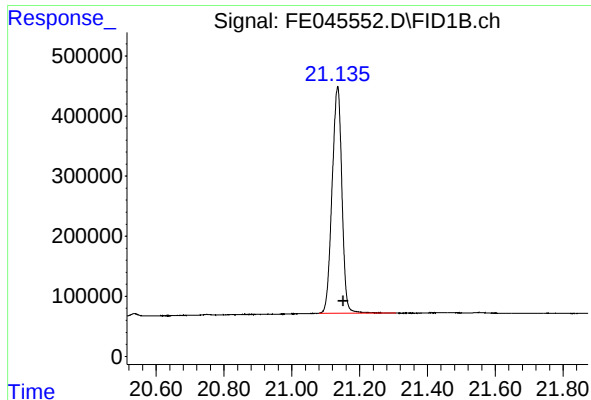
#19 n-Tetratriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.016 min
Response: 8244553
Conc: 52.80 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: -0.015 min
Response: 7957220
Conc: 49.02 ug/ml m



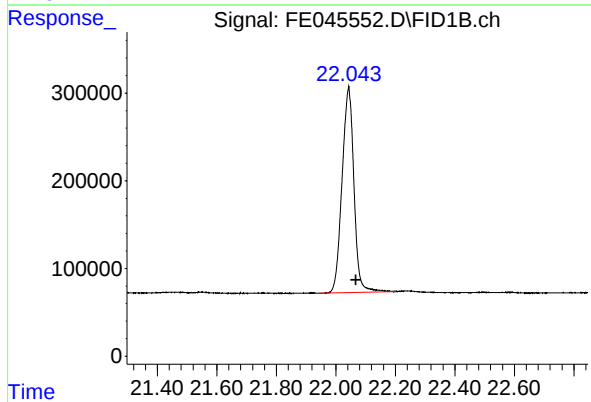
#21 n-Octatriacontane (C38)

R.T.: 21.135 min
Delta R.T.: -0.017 min
Response: 7583987
Conc: 45.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.043 min
Delta R.T.: -0.024 min
Response: 6476991
Conc: 37.92 ug/ml