

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112923AL\
 Data File : FE045572.D
 Signal(s) : FID1B.ch
 Acq On : 29 Nov 2023 14:19
 Operator : YP\AJ
 Sample : PB157452BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB157452BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :Ankita Jodhani 11/30/2023

Integration File: autoint1.e
 Quant Time: Nov 29 23:47:20 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	7775905	40.727 ug/ml
Spiked Amount 50.000		Recovery =	81.45%
12) S 1-chlorooctadecane (S...	13.309	5791893	42.050 ug/ml
Spiked Amount 50.000		Recovery =	84.10%
Target Compounds			
1) T n-Nonane (C9)	3.270	7274061	44.032 ug/ml
2) T n-Decane (C10)	4.513	7680710	45.806 ug/ml
3) T A~Naphthalene (C11.7)	6.207	8667281	48.556 ug/ml
4) T n-Dodecane (C12)	6.673	8152549	48.273 ug/ml
5) T A~2-methylnaphthalene...	7.302	8543815	49.755 ug/ml
6) T n-Tetradecane (C14)	8.501	8710519	52.263 ug/ml
7) T n-Hexadecane (C16)	10.109	9189943	54.636 ug/ml
8) T n-Octadecane (C18)	11.555	9317623	55.671 ug/ml
10) T n-Eicosane (C20)	12.867	9157371	57.808 ug/ml
11) T n-Heneicosane (C21)	13.479	8642120	56.206 ug/ml
13) T n-Docosane (C22)	14.067	8516470	56.209 ug/ml
14) T n-Tetracosane (C24)	15.154	17391045	117.419 ug/mlm
15) T n-Hexacosane (C26)	16.198	8188587	56.180 ug/ml
16) T n-Octacosane (C28)	17.146	8379511	57.343 ug/ml
17) T n-Tricontane (C30)	18.037	8265828	54.417 ug/ml
18) T n-Dotriacontane (C32)	18.871	8583797	54.946 ug/ml
19) T n-Tetratriacontane (C34)	19.657	8363998	53.568 ug/mlm
20) T n-Hexatriacontane (C36)	20.396	8354859	51.472 ug/mlm
21) T n-Octatriacontane (C38)	21.133	8579080	51.637 ug/ml
22) T n-Tetracontane (C40)	22.040	8505793	49.798 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB157452BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

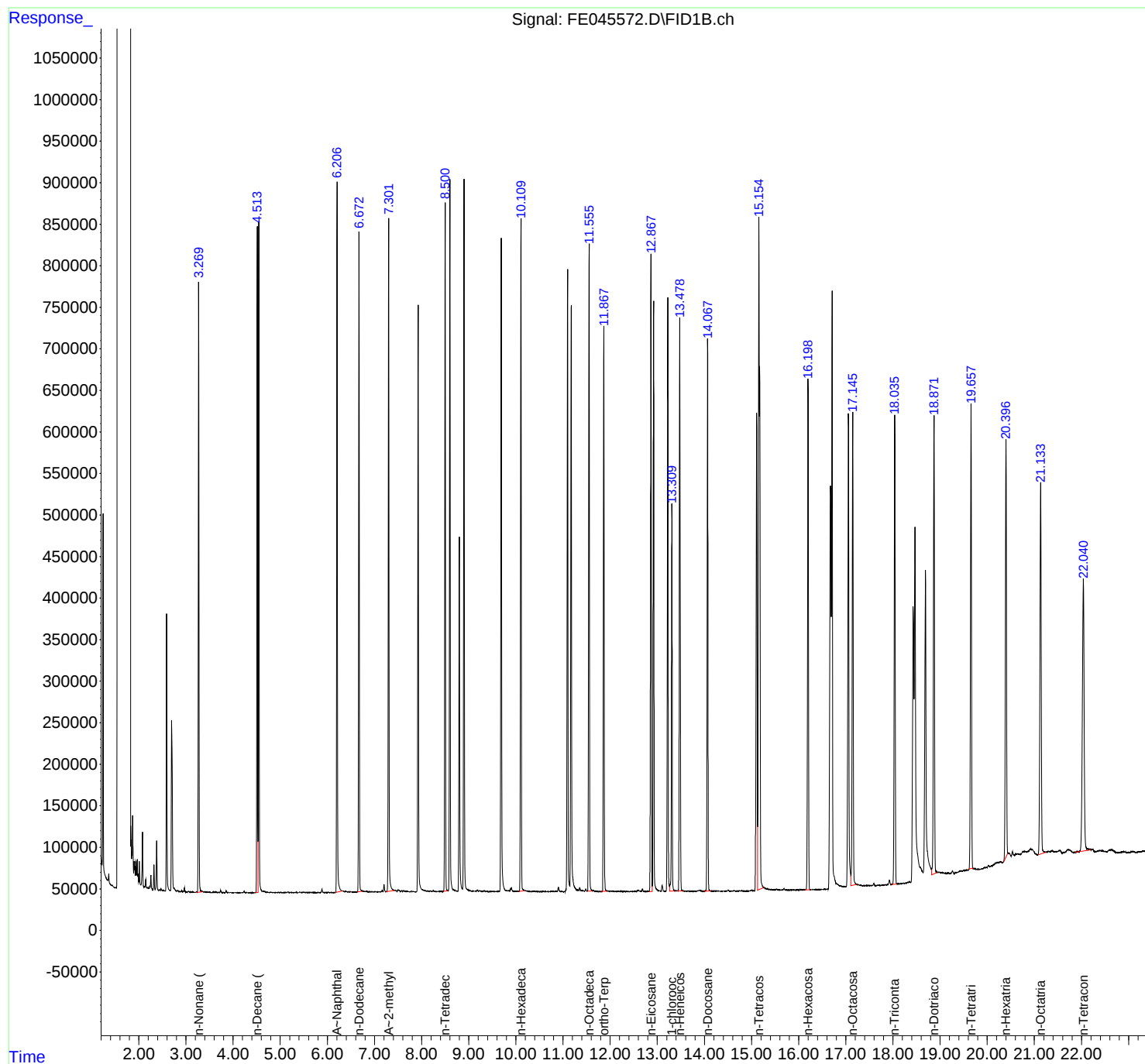
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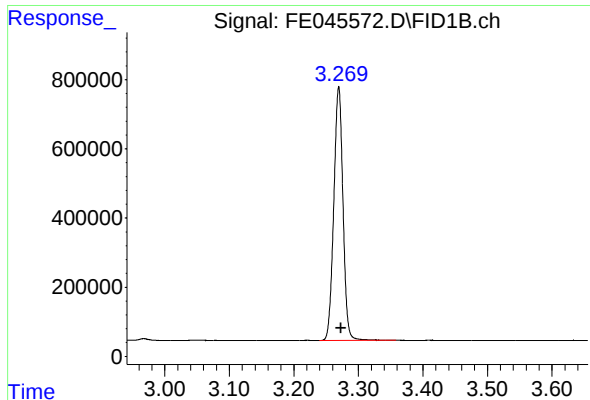
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#1 n-Nonane (C9)

R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 7274061
Conc: 44.03 ug/ml

Instrument :

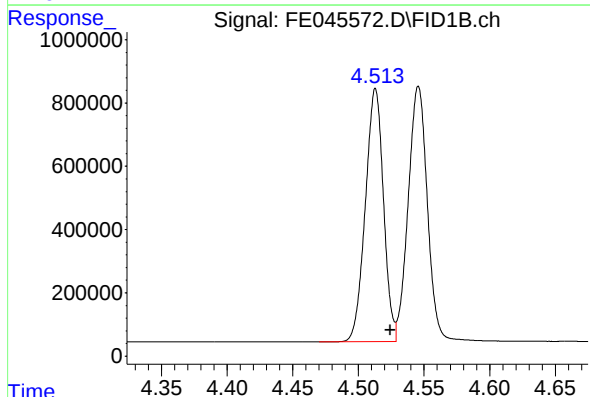
FID_E

ClientSampleId :

PB157452BSD

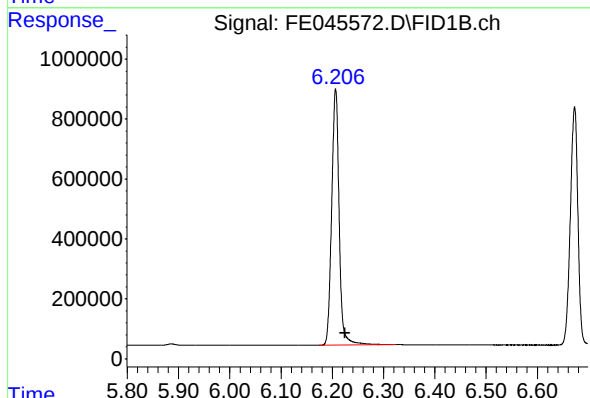
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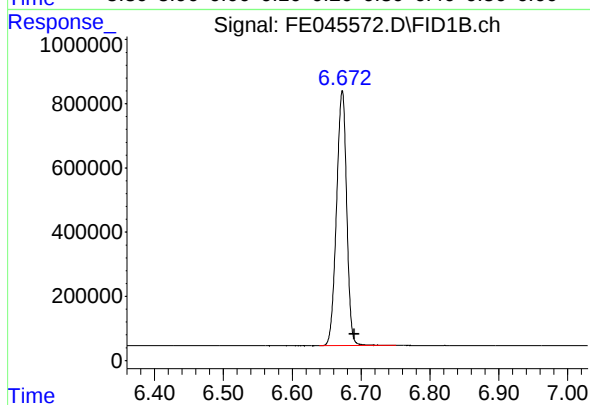
#2 n-Decane (C10)

R.T.: 4.513 min
Delta R.T.: -0.011 min
Response: 7680710
Conc: 45.81 ug/ml



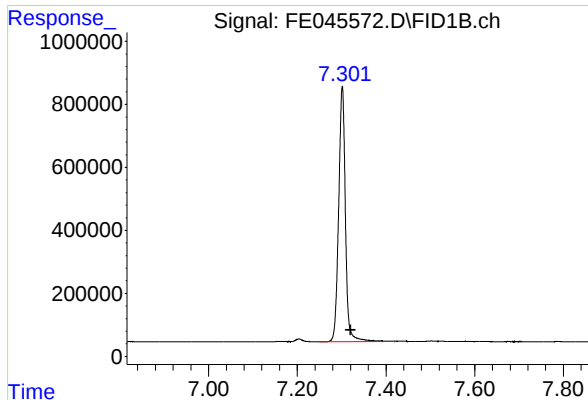
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.018 min
Response: 8667281
Conc: 48.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: -0.017 min
Response: 8152549
Conc: 48.27 ug/ml



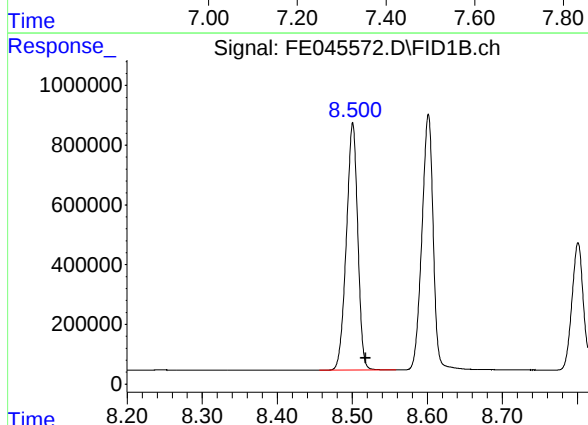
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.302 min
Delta R.T.: -0.019 min
Response: 8543815
Conc: 49.75 ug/ml

Instrument :
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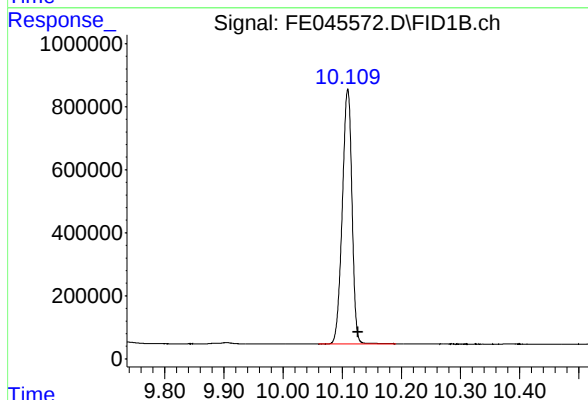
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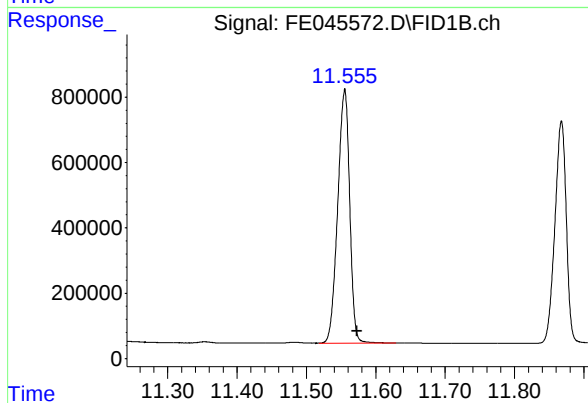
#6 n-Tetradecane (C14)

R.T.: 8.501 min
Delta R.T.: -0.017 min
Response: 8710519
Conc: 52.26 ug/ml



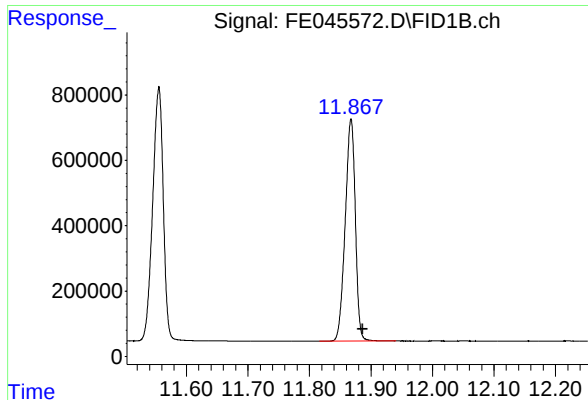
#7 n-Hexadecane (C16)

R.T.: 10.109 min
Delta R.T.: -0.017 min
Response: 9189943
Conc: 54.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.555 min
Delta R.T.: -0.018 min
Response: 9317623
Conc: 55.67 ug/ml



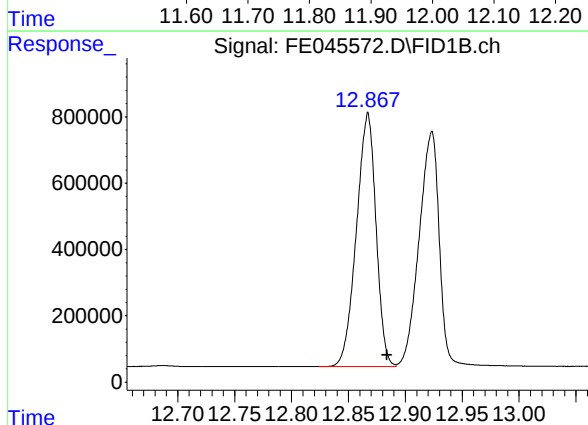
#9 ortho-Terphenyl (SURR)

R.T.: 11.868 min
Delta R.T.: -0.019 min
Response: 7775905
Conc: 40.73 ug/ml

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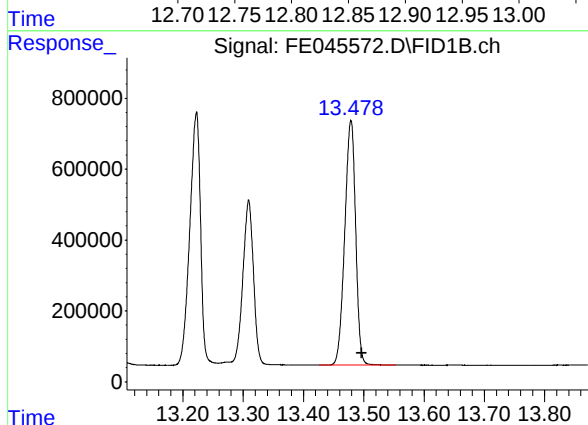
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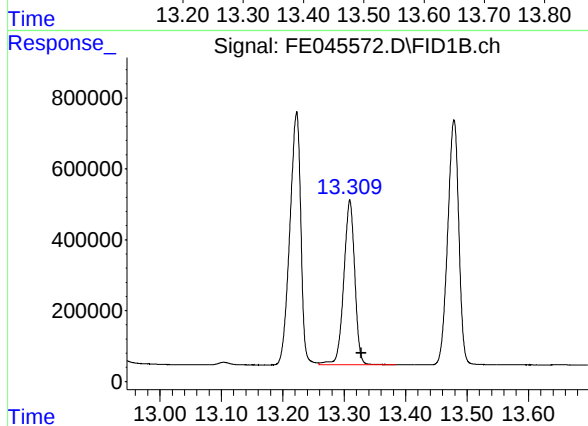
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.017 min
Response: 9157371
Conc: 57.81 ug/ml



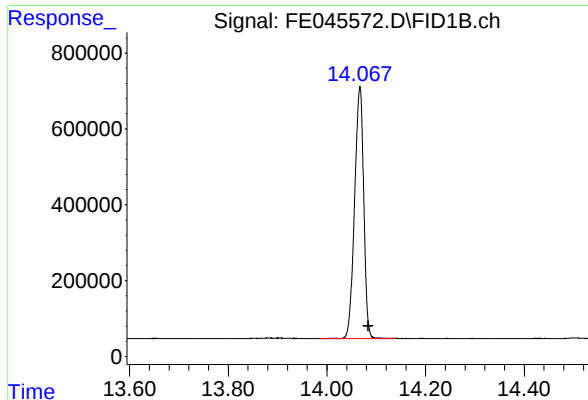
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.018 min
Response: 8642120
Conc: 56.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.019 min
Response: 5791893
Conc: 42.05 ug/ml



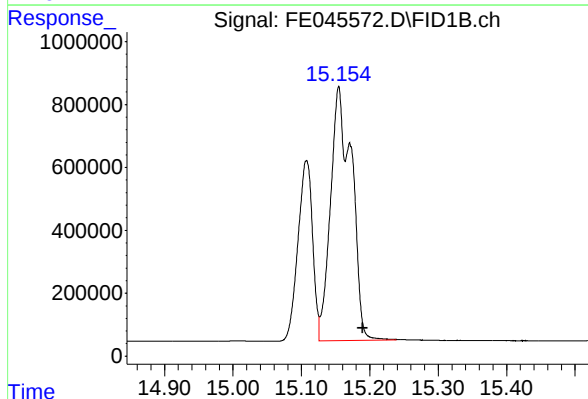
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.017 min
Response: 8516470
Conc: 56.21 ug/ml

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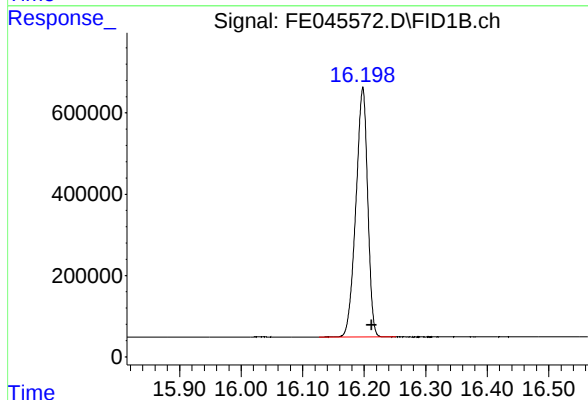
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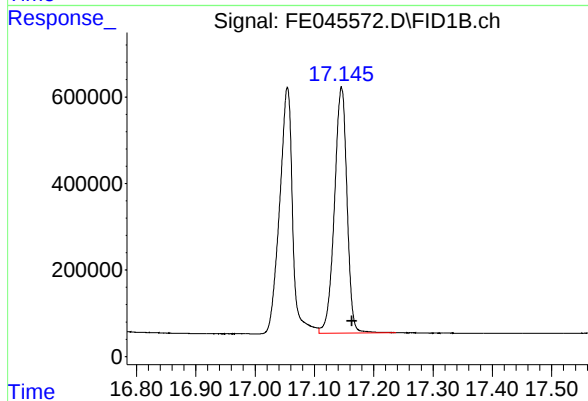
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.035 min
Response: 17391045
Conc: 117.42 ug/ml m



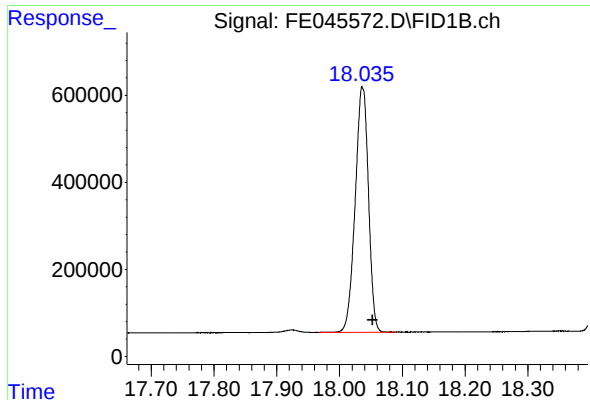
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: -0.014 min
Response: 8188587
Conc: 56.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.146 min
Delta R.T.: -0.018 min
Response: 8379511
Conc: 57.34 ug/ml



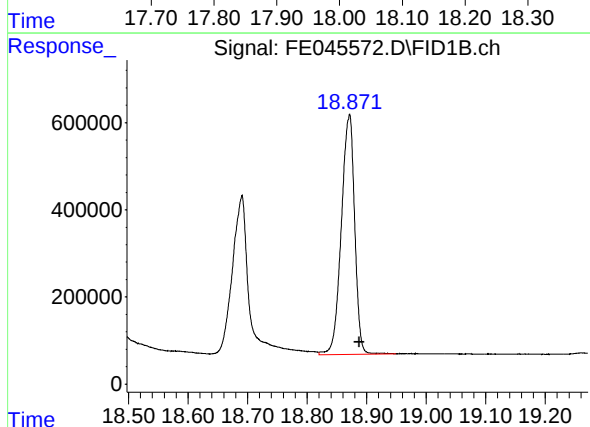
#17 n-Tricontane (C30)

R.T.: 18.037 min
Delta R.T.: -0.016 min
Response: 8265828
Conc: 54.42 ug/ml

Instrument :
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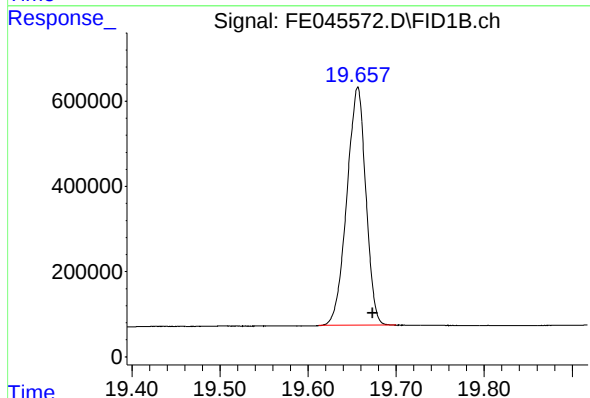
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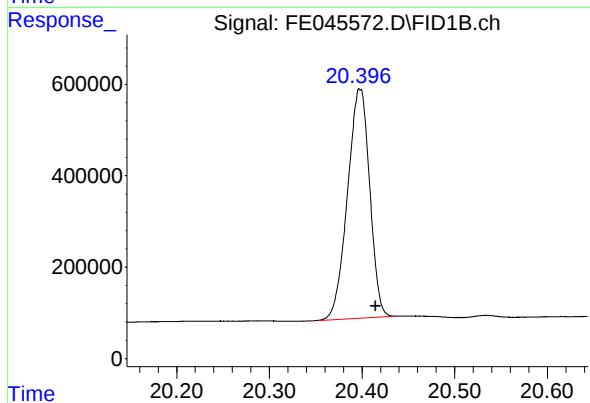
#18 n-Dotriacontane (C32)

R.T.: 18.871 min
Delta R.T.: -0.016 min
Response: 8583797
Conc: 54.95 ug/ml



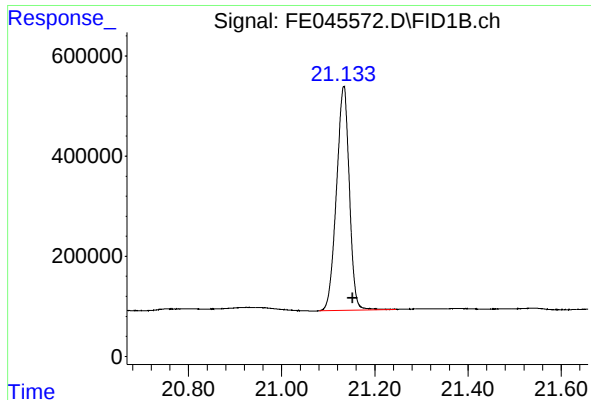
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.017 min
Response: 8363998
Conc: 53.57 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.396 min
Delta R.T.: -0.019 min
Response: 8354859
Conc: 51.47 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.133 min
Delta R.T.: -0.019 min
Response: 8579080
Conc: 51.64 ug/ml

Instrument :

FID_E

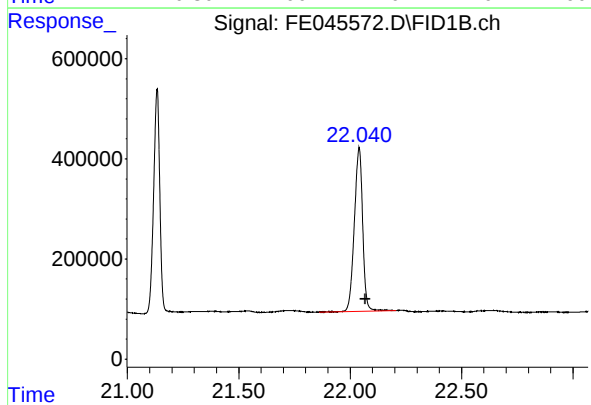
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#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: -0.028 min
Response: 8505793
Conc: 49.80 ug/ml