

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061622AL\
 Data File : FE036109.D
 Signal(s) : FID1B.CH
 Acq On : 16 Jun 2022 21:20
 Operator : YP\AJ
 Sample : PB145587BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145587BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/17/2022
 Supervised By :Ankita Jodhani 06/17/2022

Integration File: sample.E
 Quant Time: Jun 17 01:17:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	10.878	6199289	45.385 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
12) S 1-chlorooctadecane (S...	12.315	4902919	46.915 ug/ml
Spiked Amount 50.000		Recovery =	93.83%
Target Compounds			
1) T n-Nonane (C9)	2.738	5392511	42.711 ug/ml
2) T n-Decane (C10)	3.745	5500167	44.162 ug/ml
3) T A~Naphthalene (C11.7)	5.301	6337598	45.531 ug/ml
4) T n-Dodecane (C12)	5.730	5793942	46.065 ug/ml
5) T A~2-methylnaphthalene...	6.351	6386289	45.698 ug/ml
6) T n-Tetradecane (C14)	7.525	6141120	49.135 ug/ml
7) T n-Hexadecane (C16)	9.122	6370783	52.053 ug/ml
8) T n-Octadecane (C18)	10.564	6594345	54.176 ug/ml
10) T n-Eicosane (C20)	11.873	6367266	52.722 ug/ml
11) T n-Heneicosane (C21)	12.485	6311495	52.119 ug/ml
13) T n-Docosane (C22)	13.070	6264836	51.864 ug/ml
14) T n-Tetracosane (C24)	14.174	5557888	45.785 ug/ml
15) T n-Hexacosane (C26)	15.197	6125424	50.433 ug/ml
16) T n-Octacosane (C28)	16.143	6069773	49.885 ug/ml
17) T n-Tricontane (C30)	17.033	6023576	49.744 ug/ml
18) T n-Dotriacontane (C32)	17.864	5914459	50.626 ug/mlm
19) T n-Tetratriacontane (C34)	18.648	5828625	53.268 ug/ml
20) T n-Hexatriacontane (C36)	19.389	5429660	53.218 ug/ml
21) T n-Octatriacontane (C38)	20.118	4976804	50.597 ug/mlm
22) T n-Tetracontane (C40)	21.015	5007948	51.428 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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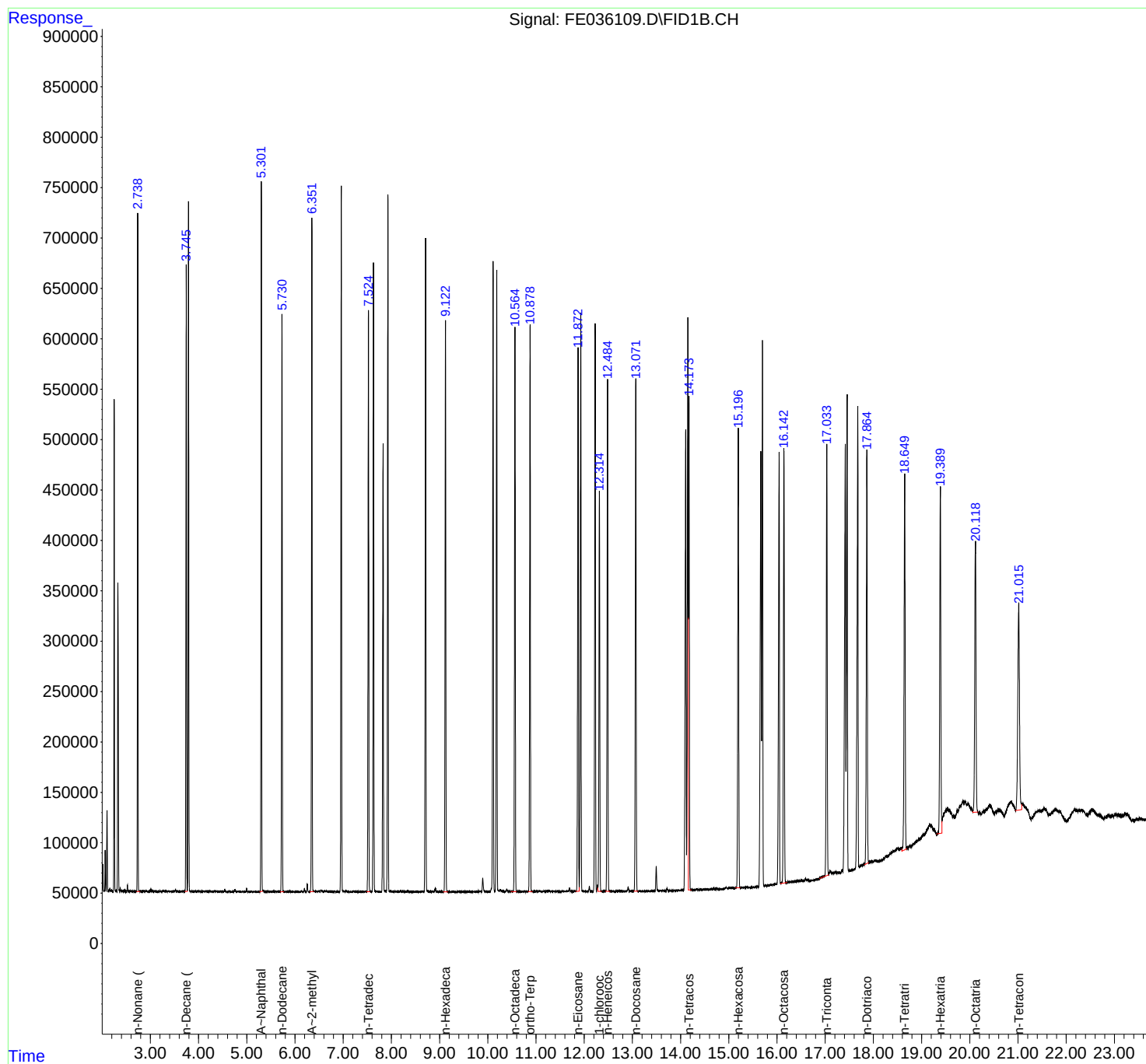
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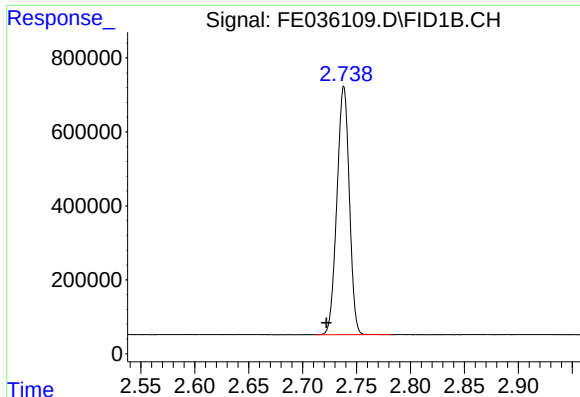
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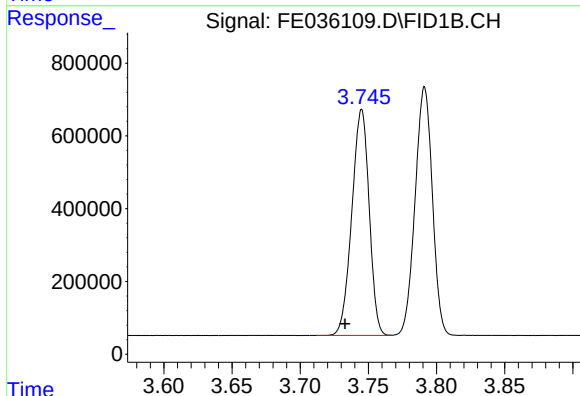
#1 n-Nonane (C9)

R.T.: 2.738 min
Delta R.T.: 0.016 min
Response: 5392511
Conc: 42.71 ug/ml

Instrument :
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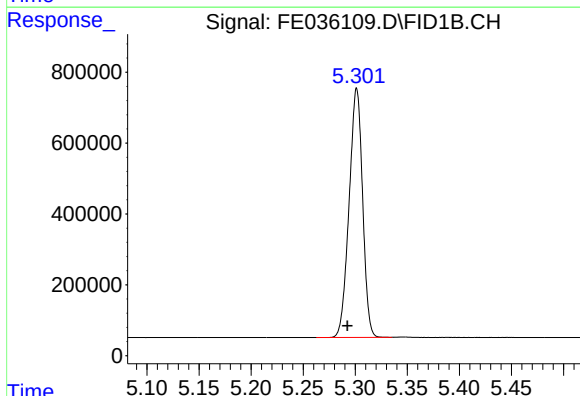
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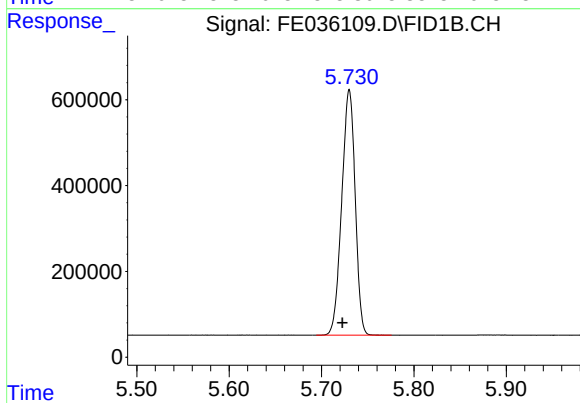
#2 n-Decane (C10)

R.T.: 3.745 min
Delta R.T.: 0.012 min
Response: 5500167
Conc: 44.16 ug/ml



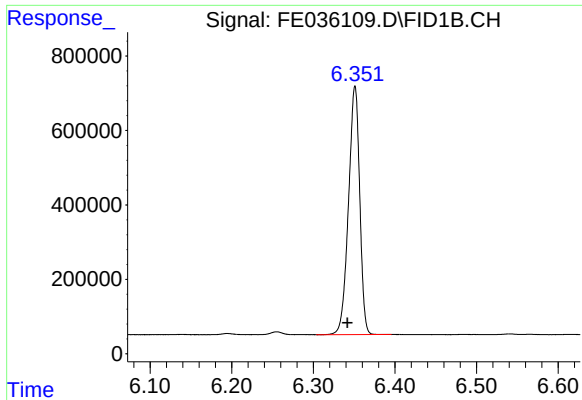
#3 A~Naphthalene (C11.7)

R.T.: 5.301 min
Delta R.T.: 0.009 min
Response: 6337598
Conc: 45.53 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.730 min
Delta R.T.: 0.008 min
Response: 5793942
Conc: 46.07 ug/ml



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

R.T.: 6.351 min
Delta R.T.: 0.009 min
Response: 6386289
Conc: 45.70 ug/ml

Instrument :

FID_E

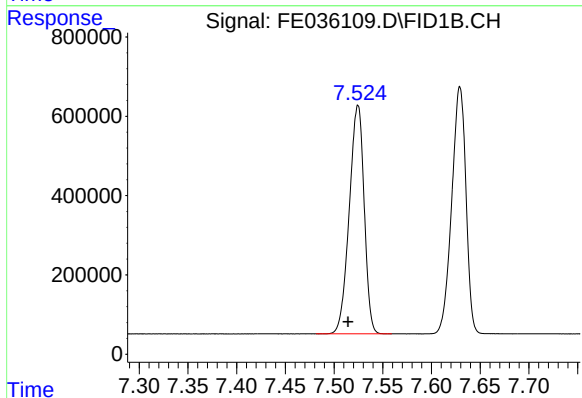
ClientSampleId :

PB145587BSD

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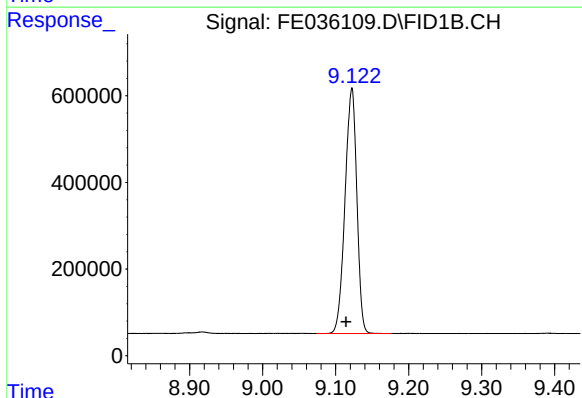
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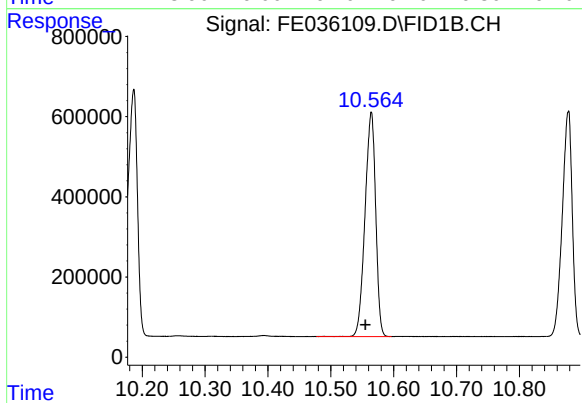
#6 n-Tetradecane (C14)

R.T.: 7.525 min
Delta R.T.: 0.010 min
Response: 6141120
Conc: 49.13 ug/ml



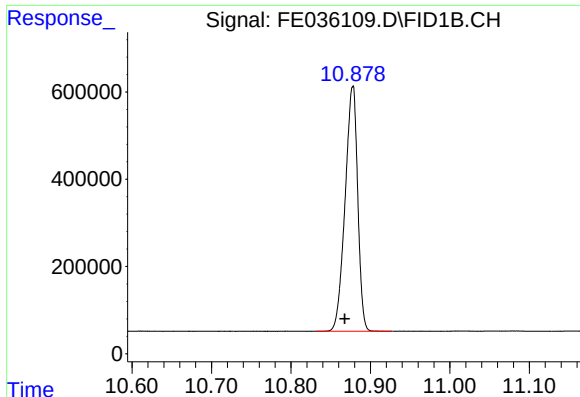
#7 n-Hexadecane (C16)

R.T.: 9.122 min
Delta R.T.: 0.008 min
Response: 6370783
Conc: 52.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.564 min
Delta R.T.: 0.009 min
Response: 6594345
Conc: 54.18 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 10.878 min
Delta R.T.: 0.010 min
Response: 6199289
Conc: 45.39 ug/ml

Instrument :

FID_E

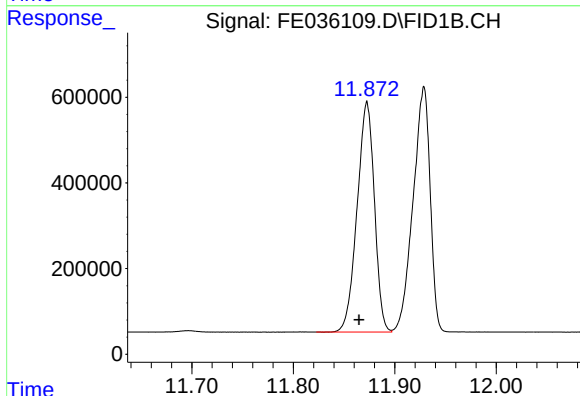
ClientSampleId :

PB145587BSD

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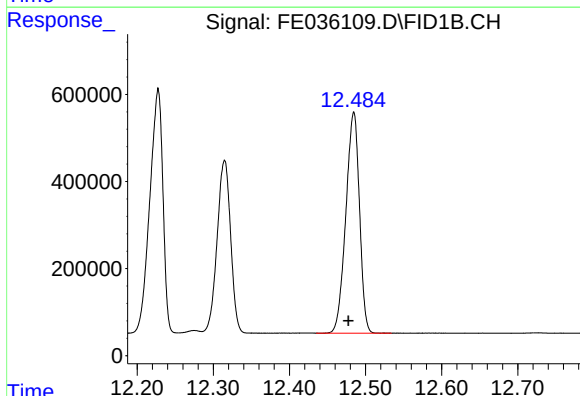
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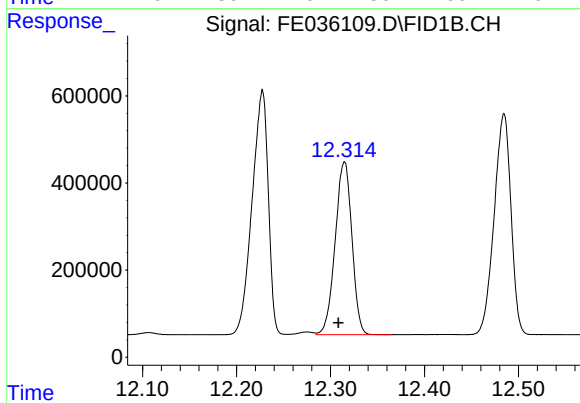
#10 n-Eicosane (C20)

R.T.: 11.873 min
Delta R.T.: 0.008 min
Response: 6367266
Conc: 52.72 ug/ml



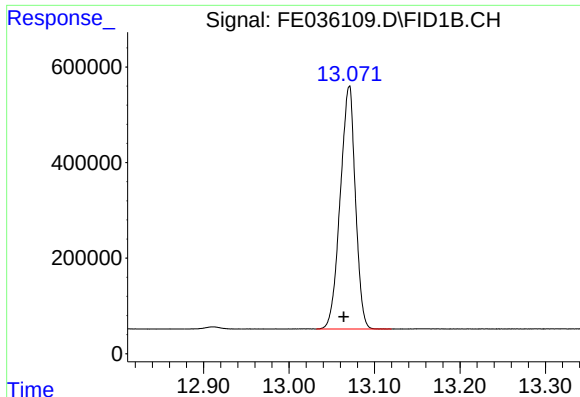
#11 n-Heneicosane (C21)

R.T.: 12.485 min
Delta R.T.: 0.007 min
Response: 6311495
Conc: 52.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.315 min
Delta R.T.: 0.007 min
Response: 4902919
Conc: 46.91 ug/ml



#13 n-Docosane (C22)

R.T.: 13.070 min
Delta R.T.: 0.007 min
Response: 6264836
Conc: 51.86 ug/ml

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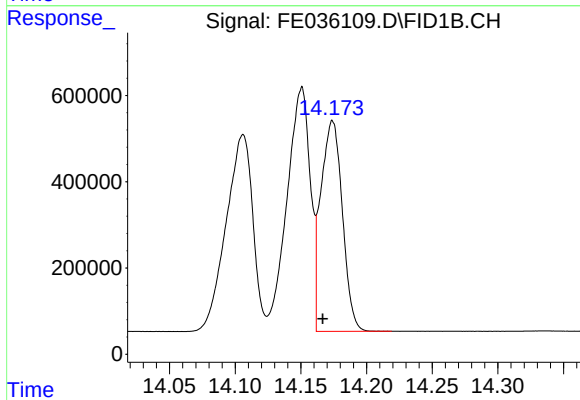
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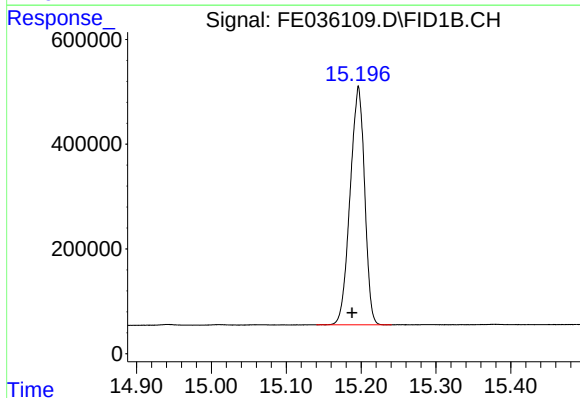
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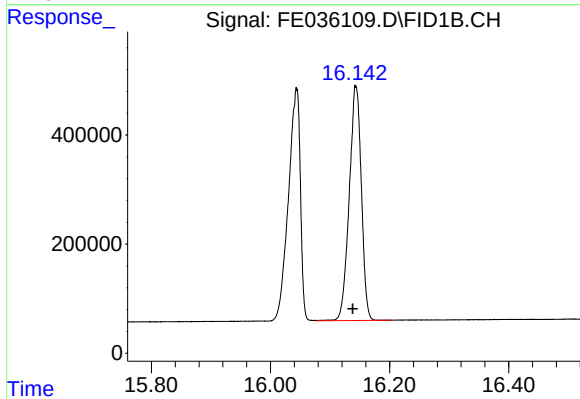
#14 n-Tetracosane (C24)

R.T.: 14.174 min
Delta R.T.: 0.007 min
Response: 5557888
Conc: 45.79 ug/ml



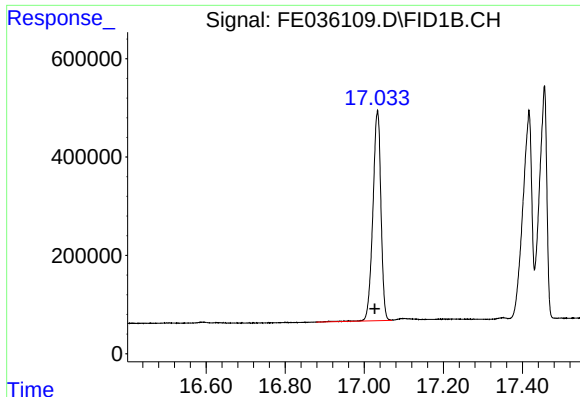
#15 n-Hexacosane (C26)

R.T.: 15.197 min
Delta R.T.: 0.009 min
Response: 6125424
Conc: 50.43 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.143 min
Delta R.T.: 0.005 min
Response: 6069773
Conc: 49.89 ug/ml



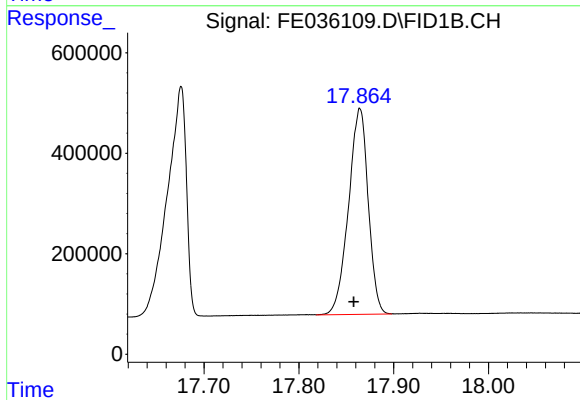
#17 n-Tricontane (C30)

R.T.: 17.033 min
Delta R.T.: 0.007 min
Response: 6023576
Conc: 49.74 ug/ml

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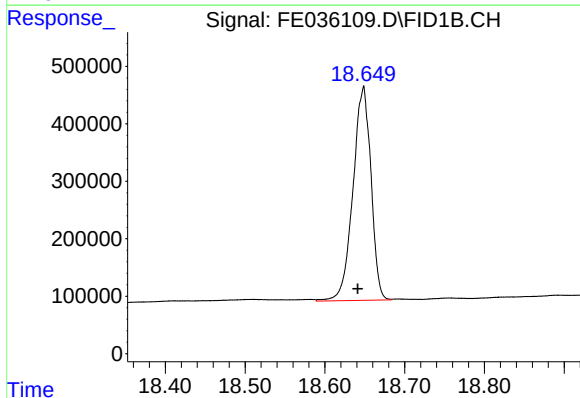
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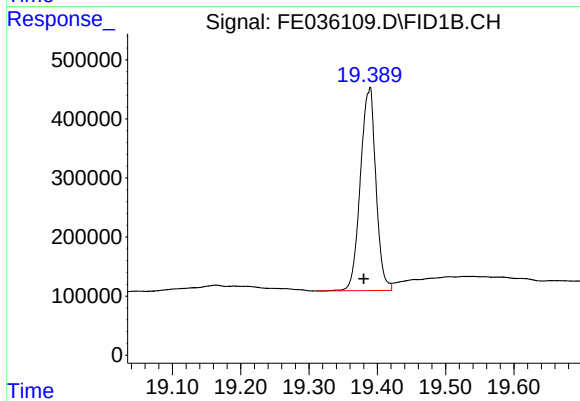
#18 n-Dotriacontane (C32)

R.T.: 17.864 min
Delta R.T.: 0.005 min
Response: 5914459
Conc: 50.63 ug/ml m



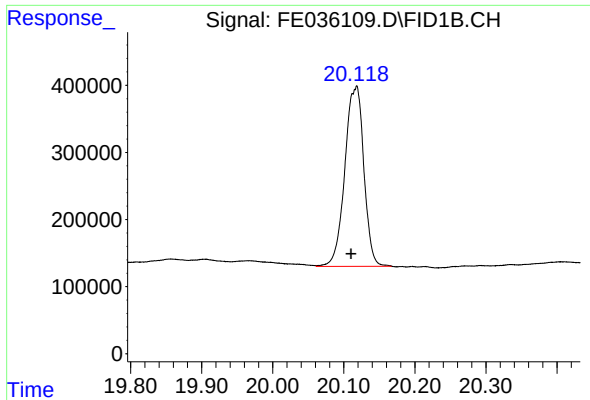
#19 n-Tetratriacontane (C34)

R.T.: 18.648 min
Delta R.T.: 0.007 min
Response: 5828625
Conc: 53.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.389 min
Delta R.T.: 0.009 min
Response: 5429660
Conc: 53.22 ug/ml



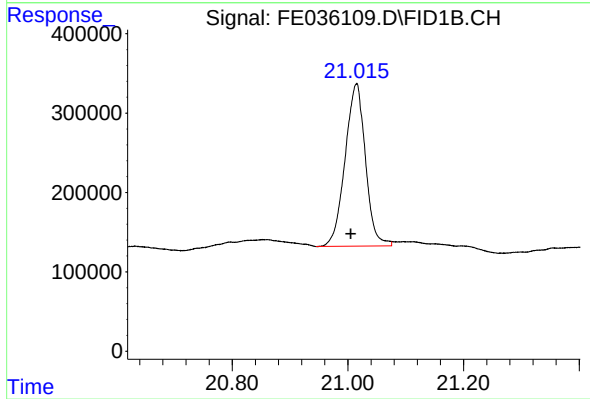
#21 n-Octatriacontane (C38)

R.T.: 20.118 min
Delta R.T.: 0.007 min
Response: 4976804
Conc: 50.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.015 min
Delta R.T.: 0.010 min
Response: 5007948
Conc: 51.43 ug/ml m