

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037567.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 02:19
 Operator : YP\AJ
 Sample : PB147635BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147635BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:52:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 2022
 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)	11.630	6872957	40.670 ug/ml
Spiked Amount 50.000		Recovery =	81.34%
12) S 1-chlorooctadecane (S...	13.052	5728465	44.511 ug/ml
Spiked Amount 50.000		Recovery =	89.02%
Target Compounds			
1) T n-Nonane (C9)	3.053	7787159	50.895 ug/ml
2) T n-Decane (C10)	4.298	7936108	51.474 ug/ml
3) T A~Naphthalene (C11.7)	6.000	8064307	55.975 ug/ml
4) T n-Dodecane (C12)	6.457	8304006	52.513 ug/ml
5) T A~2-methylnaphthalene...	7.091	7674690	54.971 ug/ml
6) T n-Tetradecane (C14)	9.874	8051704	50.814 ug/ml
7) T n-Hexadecane (C16)	9.874	8051704	50.814 ug/ml
8) T n-Octadecane (C18)	11.309	7984469	50.140 ug/ml
10) T n-Eicosane (C20)	12.611	7623389	48.182 ug/ml
11) T n-Heneicosane (C21)	13.220	7516150	47.664 ug/ml
13) T n-Docosane (C22)	13.802	7392282	47.487 ug/ml
14) T n-Tetracosane (C24)	14.900	14570650	96.877 ug/ml
15) T n-Hexacosane (C26)	15.918	7122704	49.189 ug/ml
16) T n-Octacosane (C28)	16.859	7599178	54.853 ug/ml
17) T n-Tricontane (C30)	17.745	7019895	51.605 ug/ml
18) T n-Dotriacontane (C32)	18.570	7056739	52.846 ug/ml
19) T n-Tetratriacontane (C34)	19.350	6457554	51.037 ug/ml
20) T n-Hexatriacontane (C36)	20.084	5564891	43.268 ug/mlm
21) T n-Octatriacontane (C38)	20.780	4869970	39.129 ug/mlm
22) T n-Tetracontane (C40)	21.558	4595828	35.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147635BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

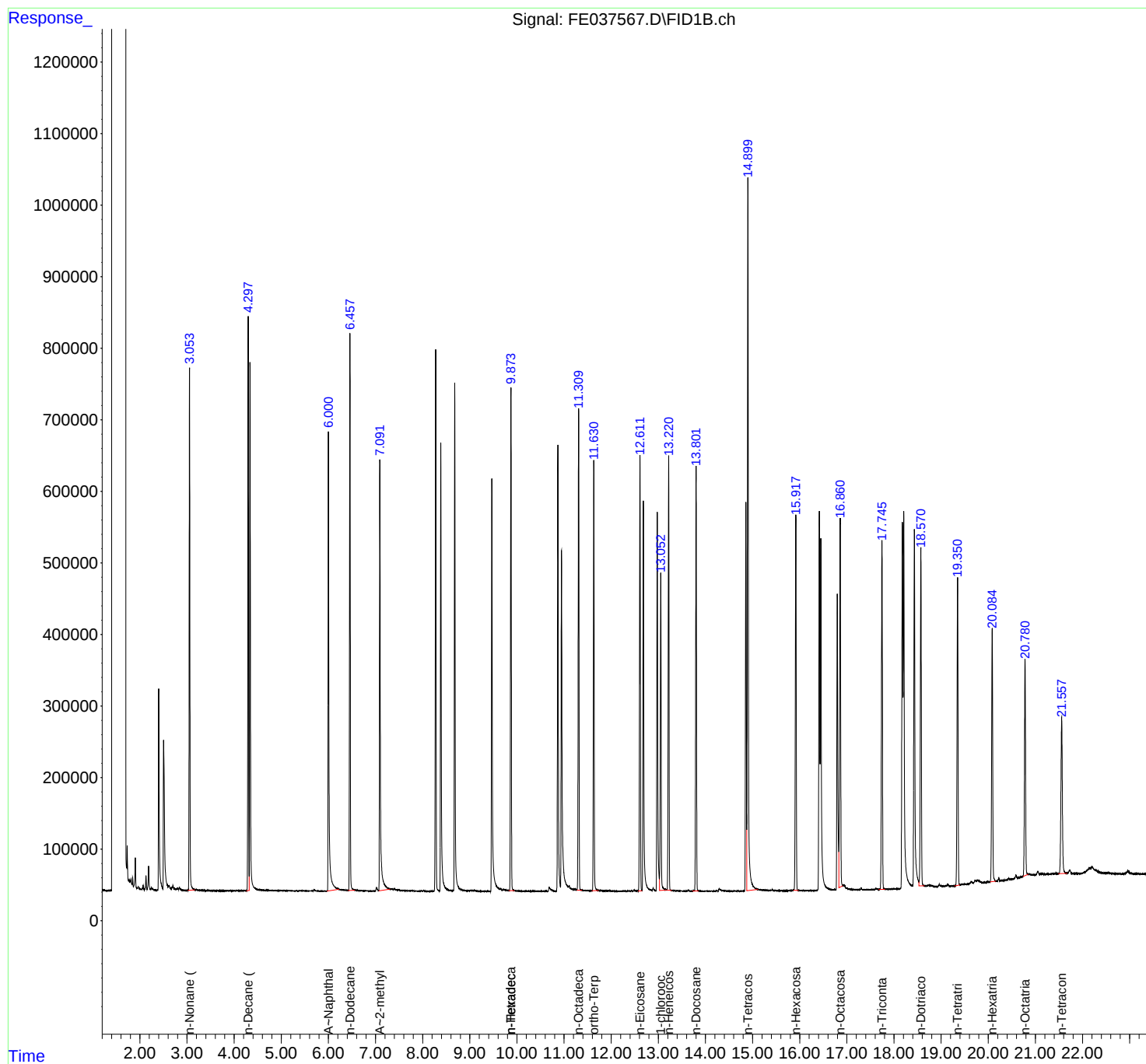
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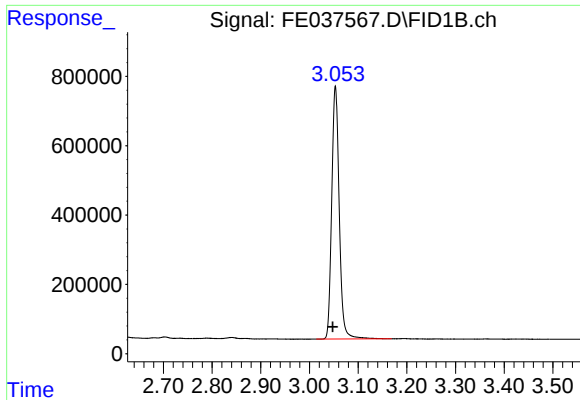
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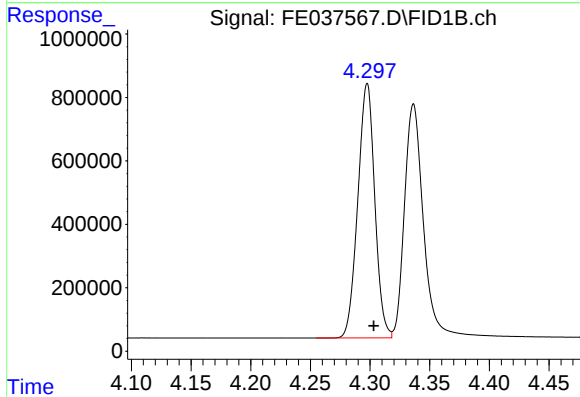
#1 n-Nonane (C9)

R.T.: 3.053 min
Delta R.T.: 0.005 min
Response: 7787159
Conc: 50.89 ug/ml

Instrument :
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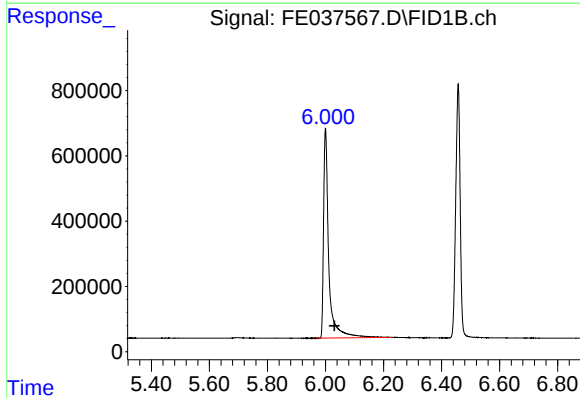
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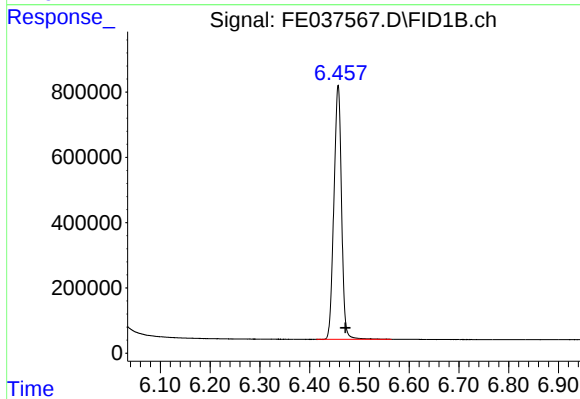
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: -0.006 min
Response: 7936108
Conc: 51.47 ug/ml



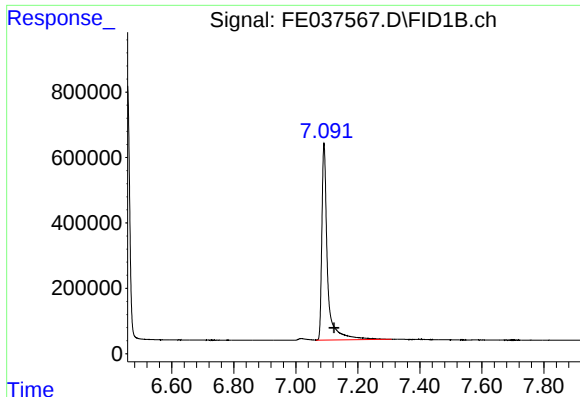
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.031 min
Response: 8064307
Conc: 55.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.015 min
Response: 8304006
Conc: 52.51 ug/ml



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

R.T.: 7.091 min
Delta R.T.: -0.032 min
Response: 7674690
Conc: 54.97 ug/ml

Instrument :

FID_E

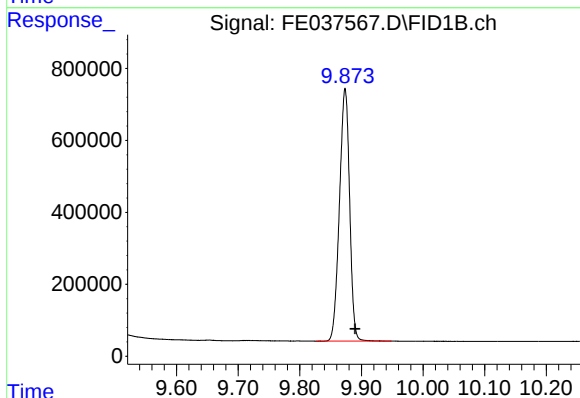
ClientSampleId :

PB147635BSD

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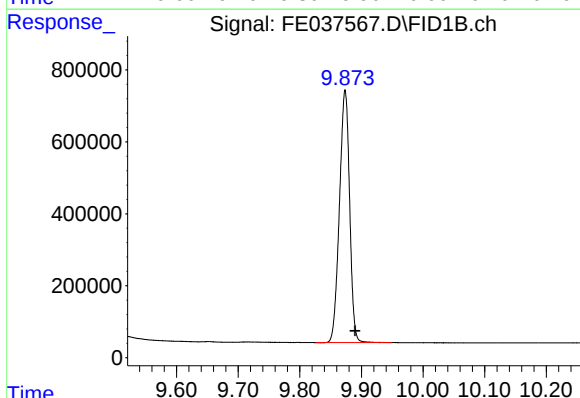
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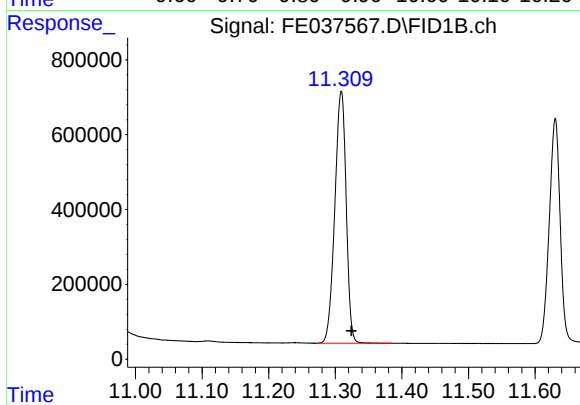
#6 n-Tetradecane (C14)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 8051704
Conc: 50.81 ug/ml



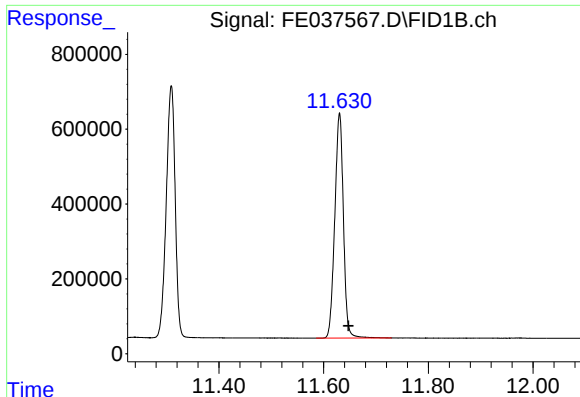
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 8051704
Conc: 50.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.309 min
Delta R.T.: -0.015 min
Response: 7984469
Conc: 50.14 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.630 min
Delta R.T.: -0.017 min
Response: 6872957
Conc: 40.67 ug/ml

Instrument :

FID_E

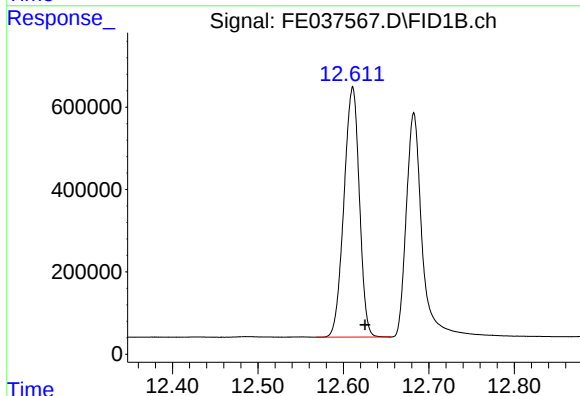
ClientSampleId :

PB147635BSD

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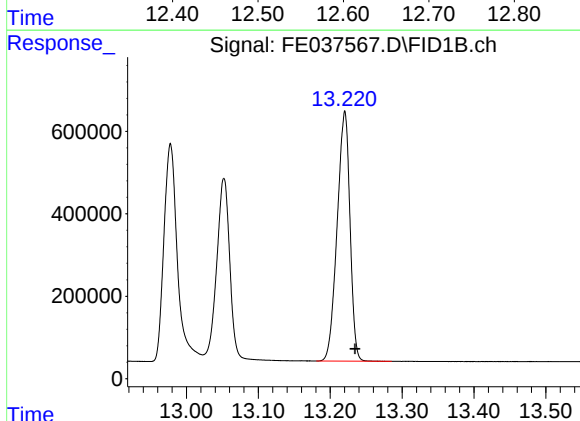
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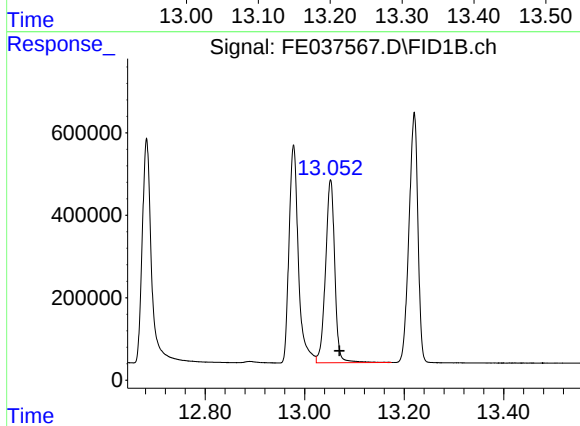
#10 n-Eicosane (C20)

R.T.: 12.611 min
Delta R.T.: -0.014 min
Response: 7623389
Conc: 48.18 ug/ml



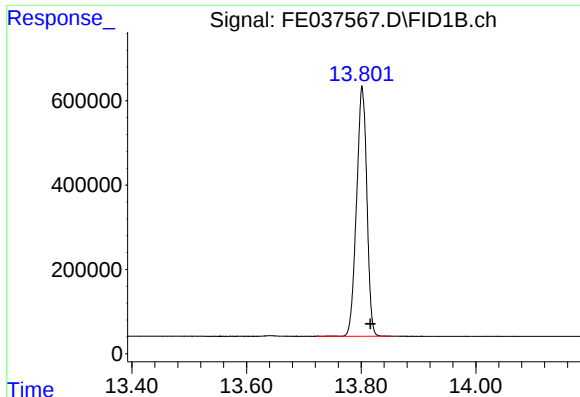
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.014 min
Response: 7516150
Conc: 47.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.018 min
Response: 5728465
Conc: 44.51 ug/ml



#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.015 min
Response: 7392282
Conc: 47.49 ug/ml

Instrument :

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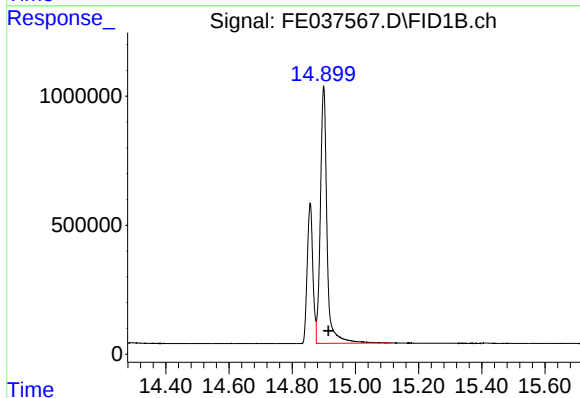
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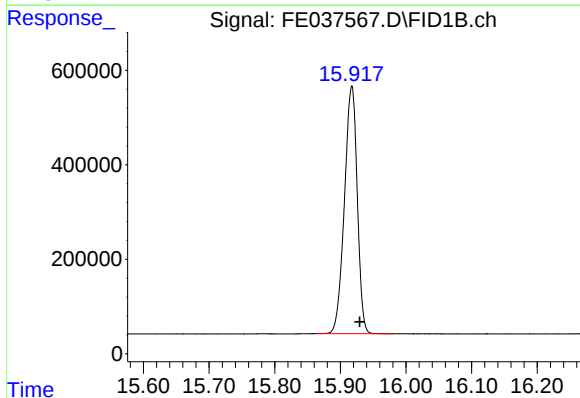
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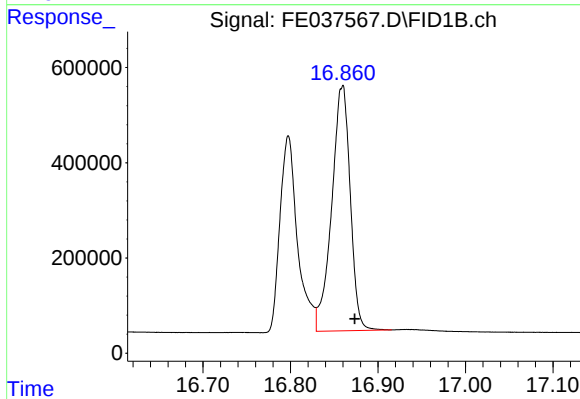
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.015 min
Response: 14570650
Conc: 96.88 ug/ml



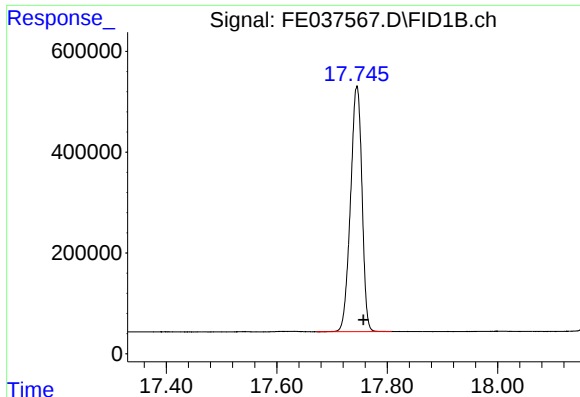
#15 n-Hexacosane (C26)

R.T.: 15.918 min
Delta R.T.: -0.012 min
Response: 7122704
Conc: 49.19 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.014 min
Response: 7599178
Conc: 54.85 ug/ml



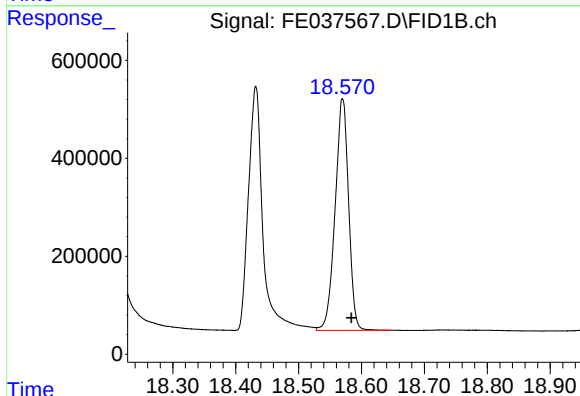
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 7019895
Conc: 51.60 ug/ml

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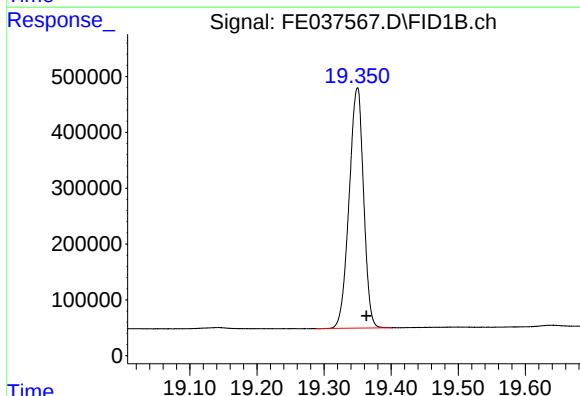
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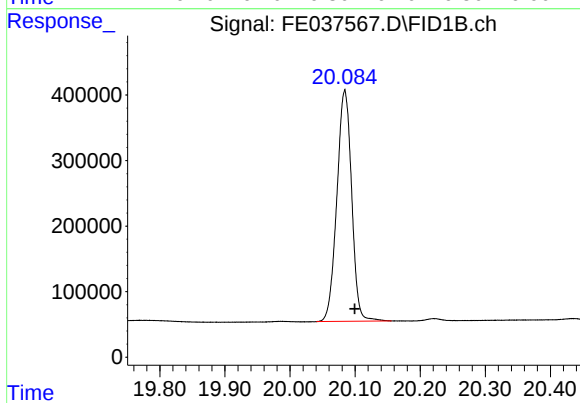
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.014 min
Response: 7056739
Conc: 52.85 ug/ml



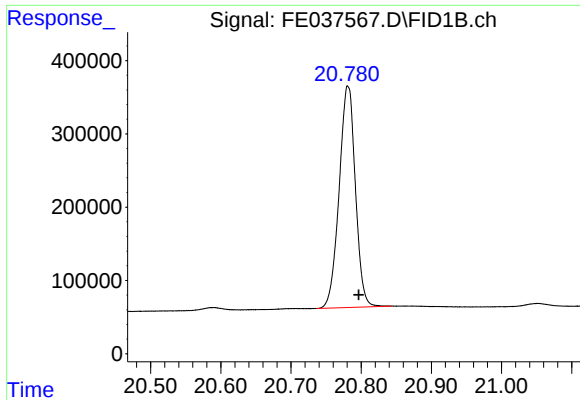
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.013 min
Response: 6457554
Conc: 51.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.084 min
Delta R.T.: -0.015 min
Response: 5564891
Conc: 43.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.017 min
Response: 4869970
Conc: 39.13 ug/ml

Instrument :

FID_E

ClientSampleId :

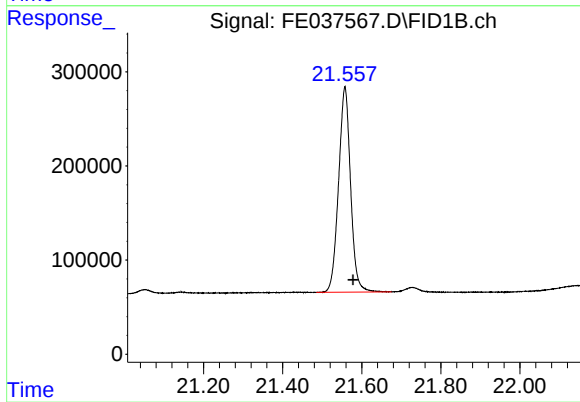
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#22 n-Tetracontane (C40)

R.T.: 21.558 min
Delta R.T.: -0.021 min
Response: 4595828
Conc: 35.65 ug/ml