

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037573.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 05:22
 Operator : YP\AJ
 Sample : PB147634BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147634BSD

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 07:35:18 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)	11.631	6896719	40.811 ug/ml
Spiked Amount 50.000		Recovery =	81.62%
12) S 1-chlorooctadecane (S...	13.053	5640086	43.824 ug/ml
Spiked Amount 50.000		Recovery =	87.65%
Target Compounds			
1) T n-Nonane (C9)	3.038	6051802	39.553 ug/ml
2) T n-Decane (C10)	4.289	6249787	40.537 ug/ml
3) T A~Naphthalene (C11.7)	5.998	6650565	46.162 ug/ml
4) T n-Dodecane (C12)	6.455	6779325	42.871 ug/ml
5) T A~2-methylnaphthalene...	7.089	6671802	47.788 ug/ml
6) T n-Tetradecane (C14)	9.874	7524358	47.486 ug/ml
7) T n-Hexadecane (C16)	9.874	7524358	47.486 ug/ml
8) T n-Octadecane (C18)	11.309	7639288	47.972 ug/ml
10) T n-Eicosane (C20)	12.612	7330268	46.329 ug/ml
11) T n-Heneicosane (C21)	13.220	7200374	45.662 ug/ml
13) T n-Docosane (C22)	13.804	7047252	45.271 ug/ml
14) T n-Tetracosane (C24)	14.900	13350839	88.767 ug/ml
15) T n-Hexacosane (C26)	15.917	6599179	45.573 ug/ml
16) T n-Octacosane (C28)	16.859	6781523	48.951 ug/ml
17) T n-Tricontane (C30)	17.745	6384547	46.934 ug/ml
18) T n-Dotriacontane (C32)	18.570	6529345	48.897 ug/ml
19) T n-Tetratriacontane (C34)	19.349	6510193	51.453 ug/ml
20) T n-Hexatriacontane (C36)	20.086	6383875	49.636 ug/mlm
21) T n-Octatriacontane (C38)	20.783	6639824	53.349 ug/mlm
22) T n-Tetracontane (C40)	21.561	7001354	54.310 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Misc :
ALS Vial : 34 Sample Multiplier: 1

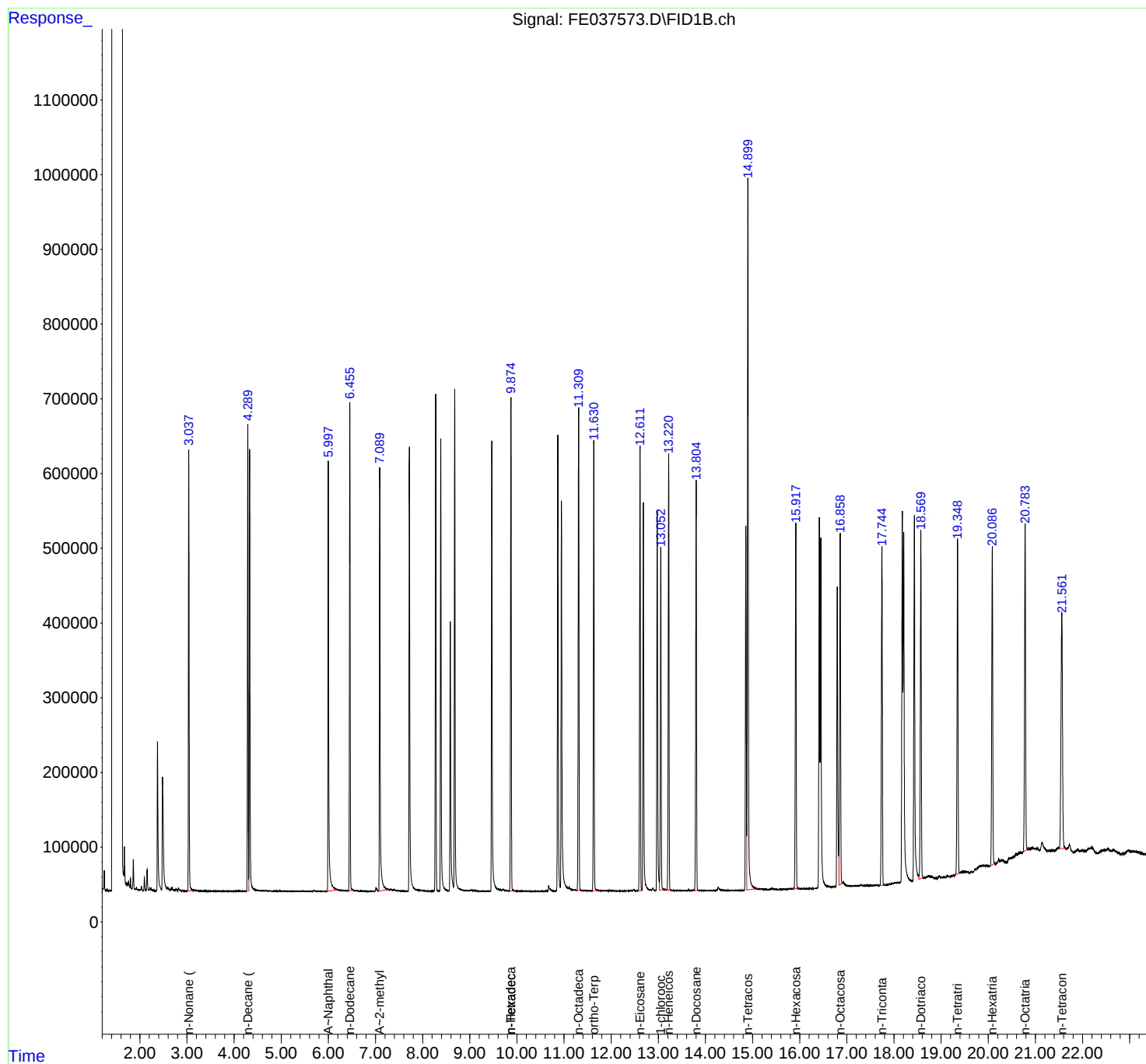
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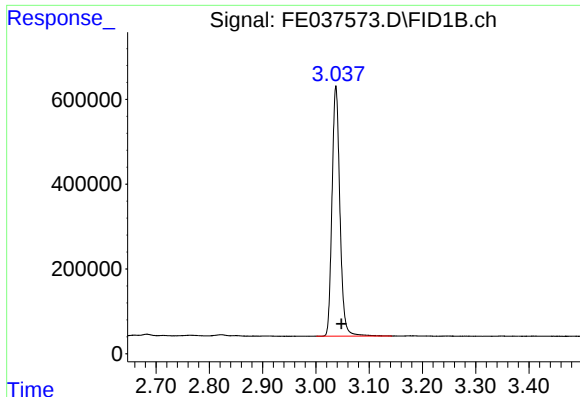
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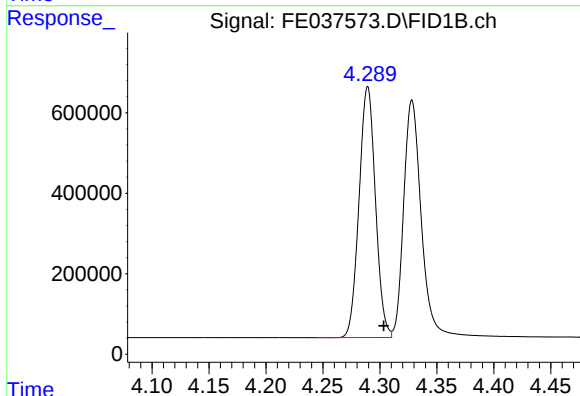
#1 n-Nonane (C9)

R.T.: 3.038 min
Delta R.T.: -0.010 min
Response: 6051802
Conc: 39.55 ug/ml

Instrument :
FID_E
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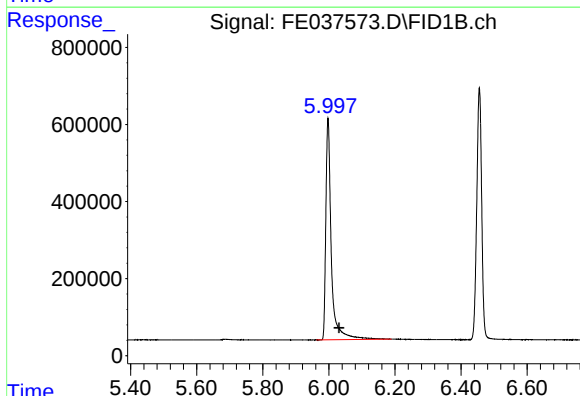
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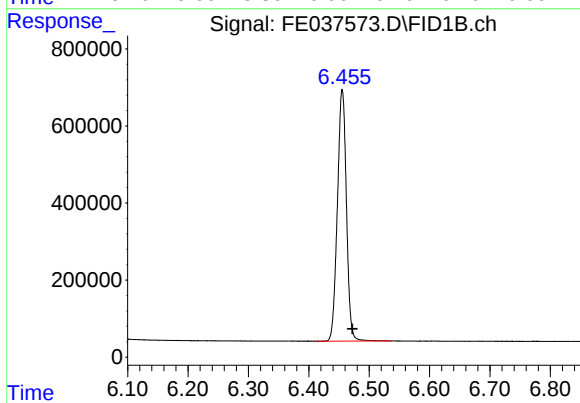
#2 n-Decane (C10)

R.T.: 4.289 min
Delta R.T.: -0.014 min
Response: 6249787
Conc: 40.54 ug/ml



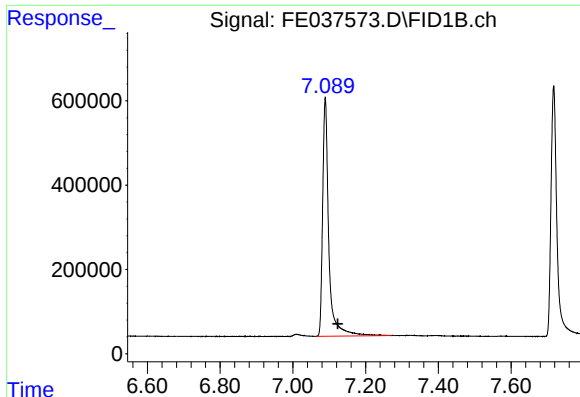
#3 A~Naphthalene (C11.7)

R.T.: 5.998 min
Delta R.T.: -0.033 min
Response: 6650565
Conc: 46.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.017 min
Response: 6779325
Conc: 42.87 ug/ml



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

R.T.: 7.089 min
Delta R.T.: -0.034 min
Response: 6671802
Conc: 47.79 ug/ml

Instrument :

FID_E

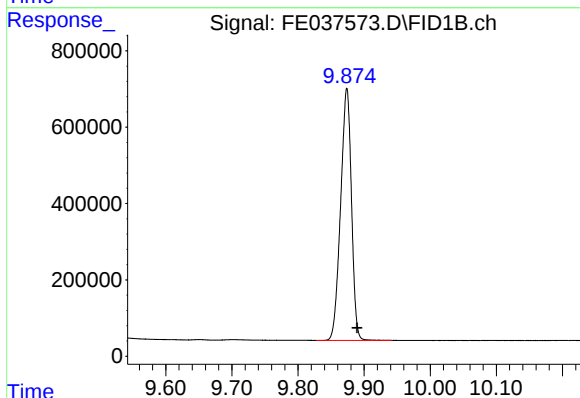
ClientSampleId :

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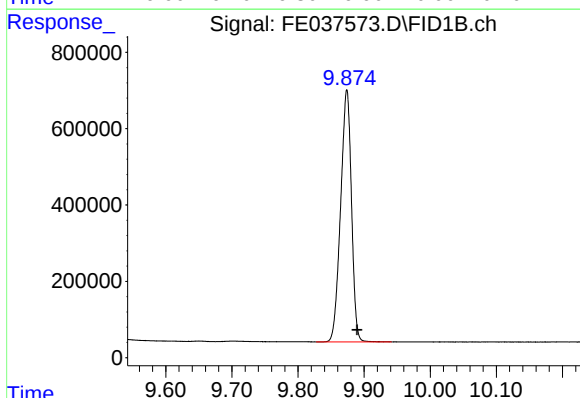
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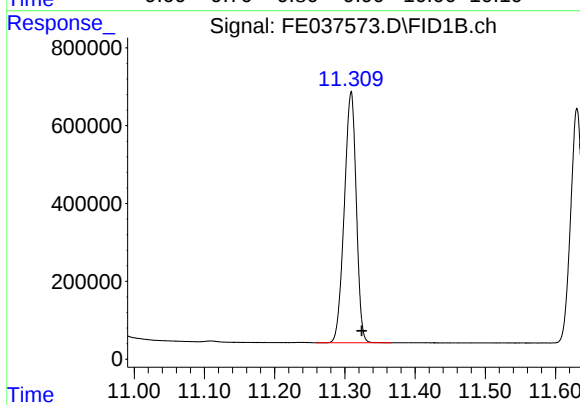
#6 n-Tetradecane (C14)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 7524358
Conc: 47.49 ug/ml



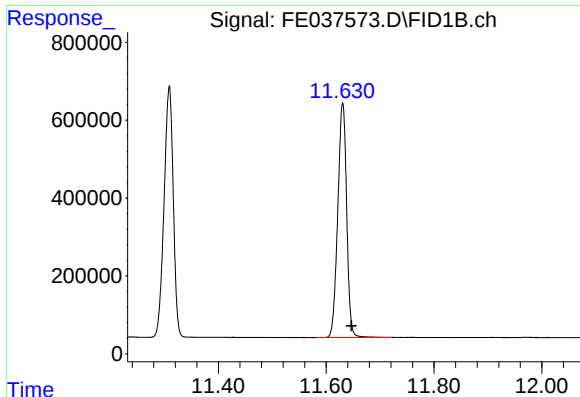
#7 n-Hexadecane (C16)

R.T.: 9.874 min
Delta R.T.: -0.016 min
Response: 7524358
Conc: 47.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.309 min
Delta R.T.: -0.015 min
Response: 7639288
Conc: 47.97 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.016 min
Response: 6896719
Conc: 40.81 ug/ml

Instrument :

FID_E

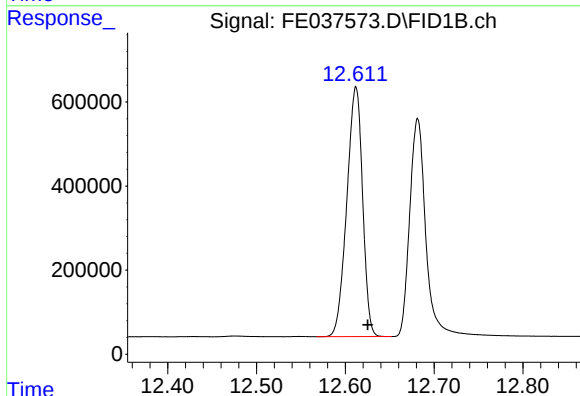
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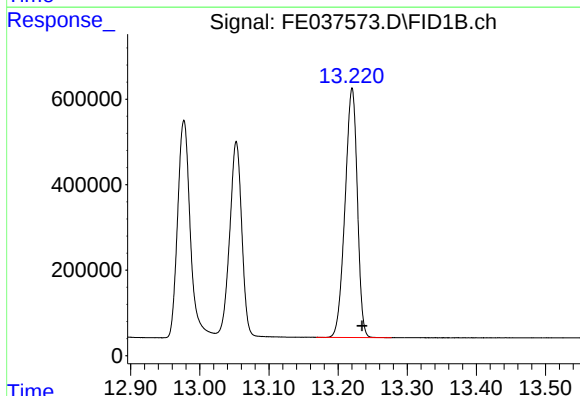
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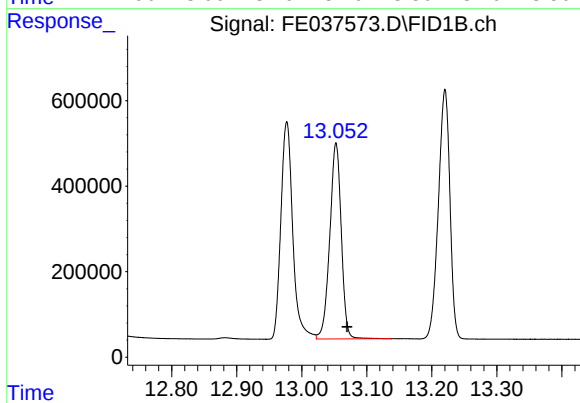
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.013 min
Response: 7330268
Conc: 46.33 ug/ml



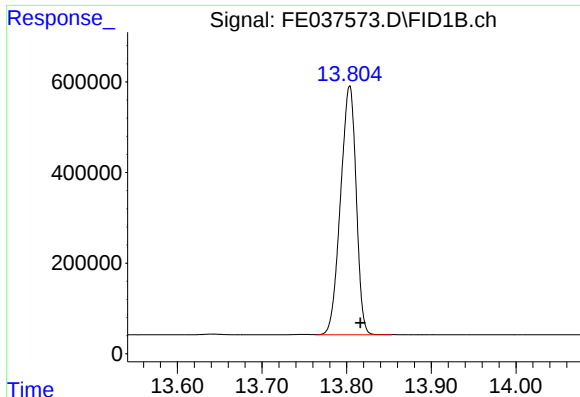
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.014 min
Response: 7200374
Conc: 45.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.017 min
Response: 5640086
Conc: 43.82 ug/ml



#13 n-Docosane (C22)

R.T.: 13.804 min
Delta R.T.: -0.013 min
Response: 7047252
Conc: 45.27 ug/ml

Instrument :

FID_E

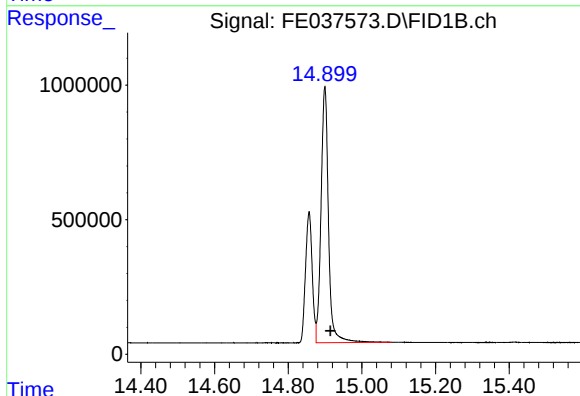
ClientSampleId :

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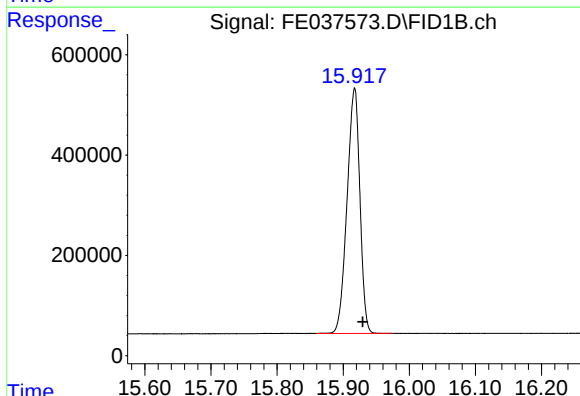
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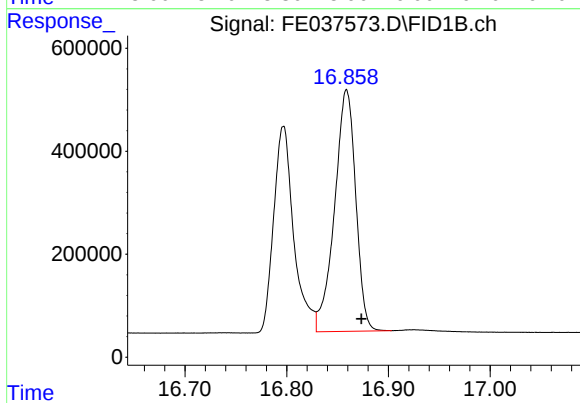
#14 n-Tetracosane (C24)

R.T.: 14.900 min
Delta R.T.: -0.015 min
Response: 13350839
Conc: 88.77 ug/ml



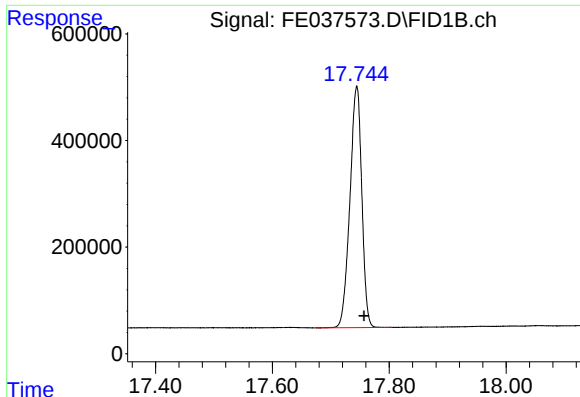
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.012 min
Response: 6599179
Conc: 45.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.015 min
Response: 6781523
Conc: 48.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 6384547
Conc: 46.93 ug/ml

Instrument :

FID_E

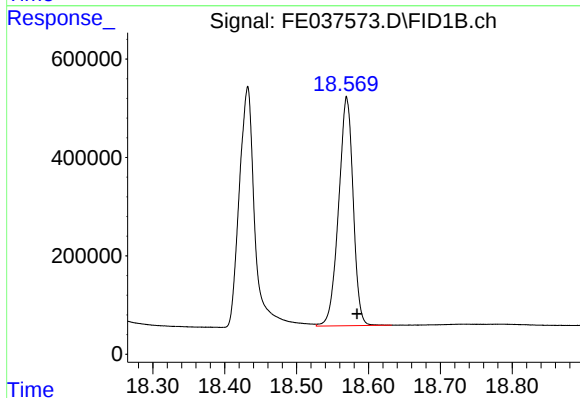
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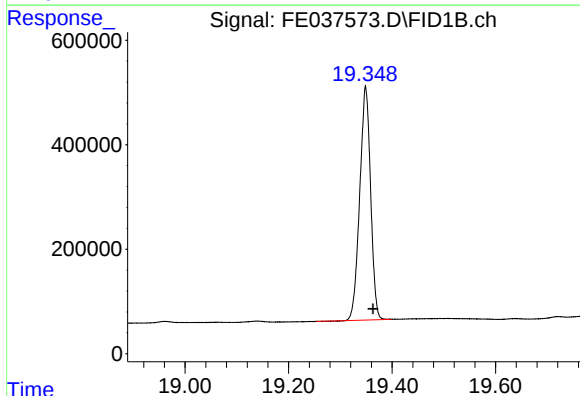
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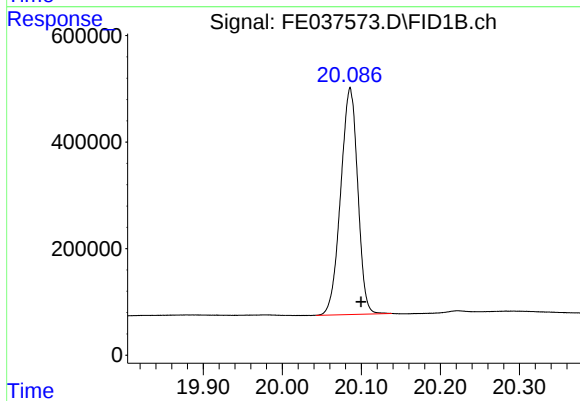
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.014 min
Response: 6529345
Conc: 48.90 ug/ml



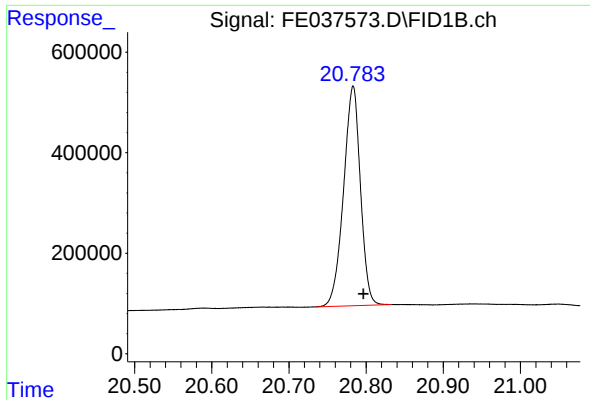
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.014 min
Response: 6510193
Conc: 51.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: -0.014 min
Response: 6383875
Conc: 49.64 ug/ml m



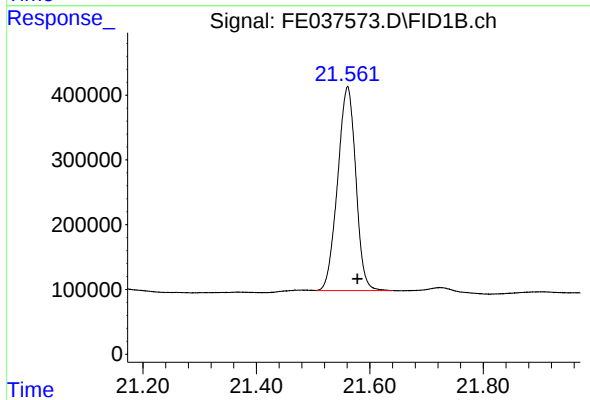
#21 n-Octatriacontane (C38)

R.T.: 20.783 min
Delta R.T.: -0.014 min
Response: 6639824
Conc: 53.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.561 min
Delta R.T.: -0.017 min
Response: 7001354
Conc: 54.31 ug/ml m