

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037707.D
 Signal(s) : FID1B.ch
 Acq On : 21 Sep 2022 04:37
 Operator : YP\AJ
 Sample : N4694-07MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022
 Supervised By :Ankita Jodhani 09/21/2022

Integration File: sample.E
 Quant Time: Sep 21 06:47:33 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)	11.627	4185245	24.766 ug/ml
Spiked Amount 50.000		Recovery =	49.53%
12) S 1-chlorooctadecane (S...	13.050	3423897	26.604 ug/mlm
Spiked Amount 50.000		Recovery =	53.21%
Target Compounds			
1) T n-Nonane (C9)	3.037	6033819	39.435 ug/ml
2) T n-Decane (C10)	4.287	6129170	39.754 ug/ml
3) T A~Naphthalene (C11.7)	5.996	6174394	42.857 ug/ml
4) T n-Dodecane (C12)	6.452	6396347	40.449 ug/ml
5) T A~2-methylnaphthalene...	7.088	6022085	43.134 ug/ml
6) T n-Tetradecane (C14)	9.871	6316255	39.862 ug/ml
7) T n-Hexadecane (C16)	9.871	6316255	39.862 ug/ml
8) T n-Octadecane (C18)	11.306	6387375	40.111 ug/ml
10) T n-Eicosane (C20)	12.610	6098708	38.545 ug/ml
11) T n-Heneicosane (C21)	13.218	5919503	37.539 ug/ml
13) T n-Docosane (C22)	13.801	5889822	37.835 ug/ml
14) T n-Tetracosane (C24)	14.901	12195459	81.085 ug/ml
15) T n-Hexacosane (C26)	15.917	5837124	40.311 ug/ml
16) T n-Octacosane (C28)	16.862	6109201	44.098 ug/ml
17) T n-Tricontane (C30)	17.747	5804249	42.668 ug/ml
18) T n-Dotriacontane (C32)	18.572	5813101	43.533 ug/mlm
19) T n-Tetratriacontane (C34)	19.354	6054567	47.852 ug/ml
20) T n-Hexatriacontane (C36)	20.092	5754548	44.743 ug/ml
21) T n-Octatriacontane (C38)	20.790	6371891	51.196 ug/mlm
22) T n-Tetracontane (C40)	21.572	6012459	46.639 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 30 Sample Multiplier: 1

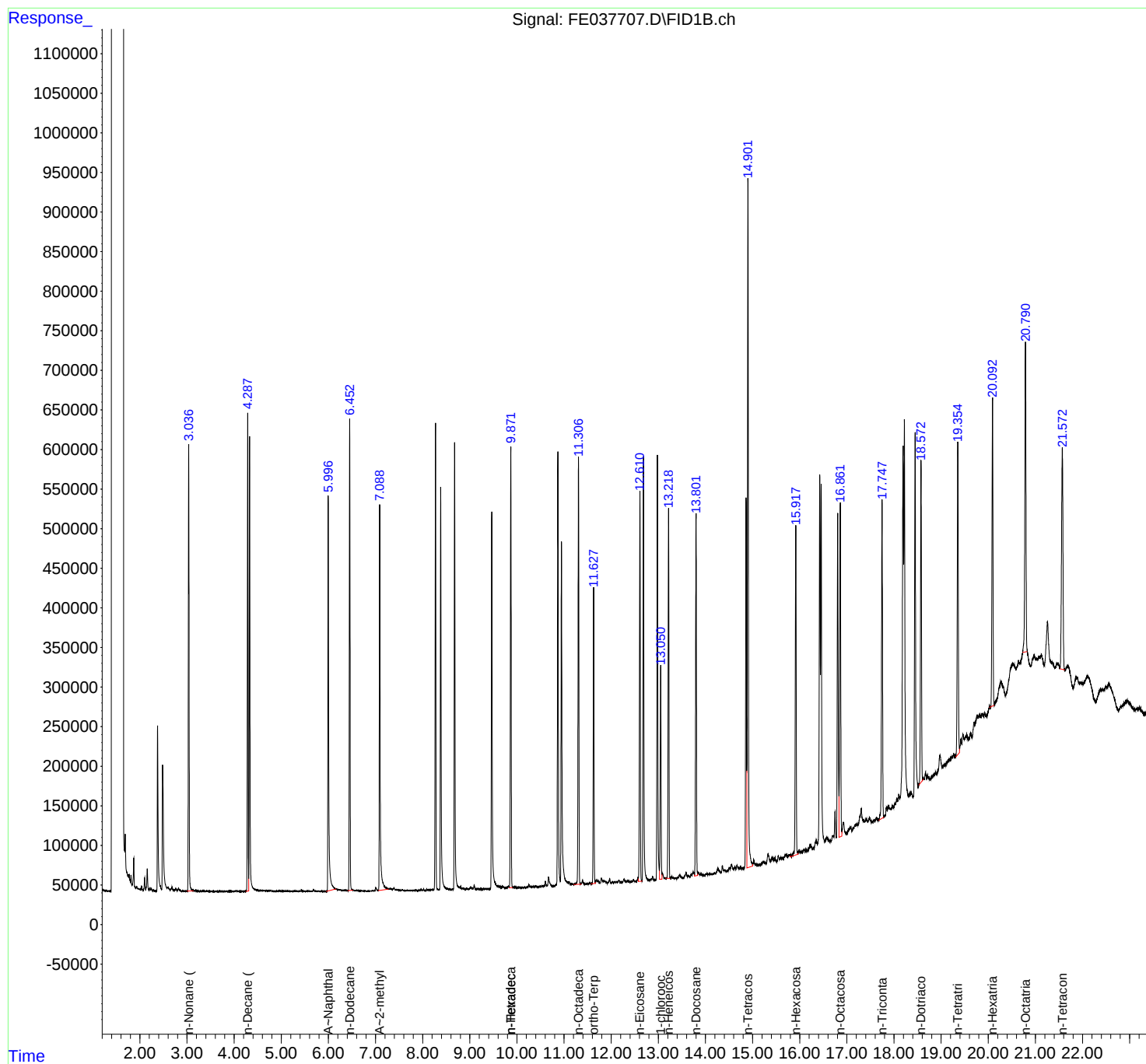
Instrument :
FID_E
ClientSampleId :
5MS

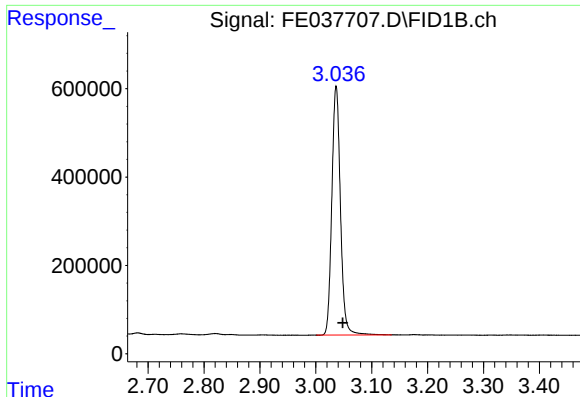
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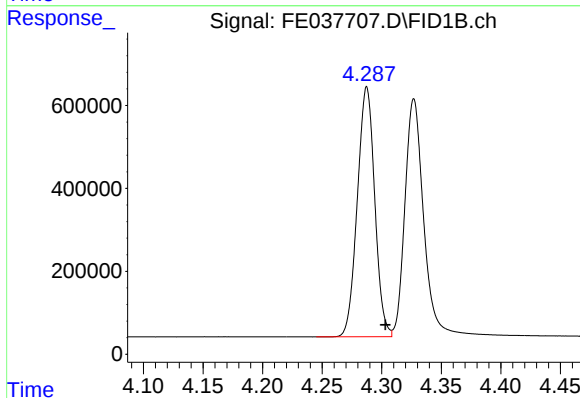
#1 n-Nonane (C9)

R.T.: 3.037 min
Delta R.T.: -0.011 min
Response: 6033819
Conc: 39.44 ug/ml

Instrument :
FID_E
ClientSampleId :
SMS

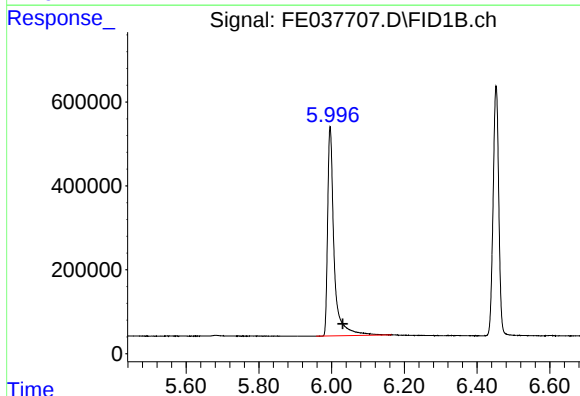
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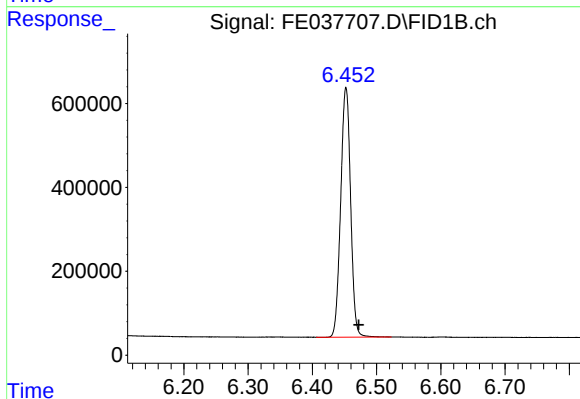
#2 n-Decane (C10)

R.T.: 4.287 min
Delta R.T.: -0.016 min
Response: 6129170
Conc: 39.75 ug/ml



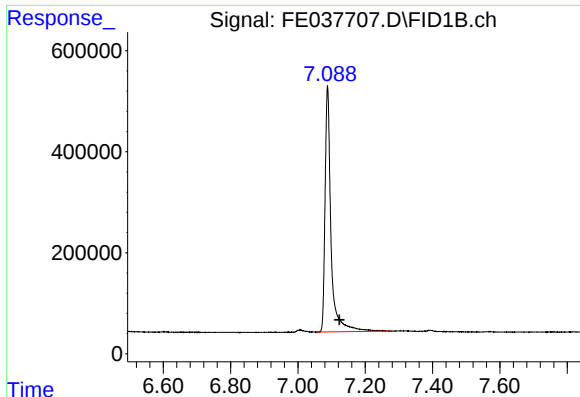
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.035 min
Response: 6174394
Conc: 42.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.452 min
Delta R.T.: -0.020 min
Response: 6396347
Conc: 40.45 ug/ml



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

R.T.: 7.088 min
Delta R.T.: -0.035 min
Response: 6022085
Conc: 43.13 ug/ml

Instrument :

FID_E

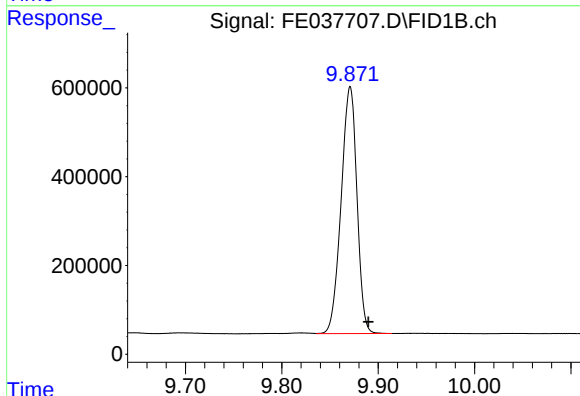
ClientSampleId :

5MS

Manual Integrations

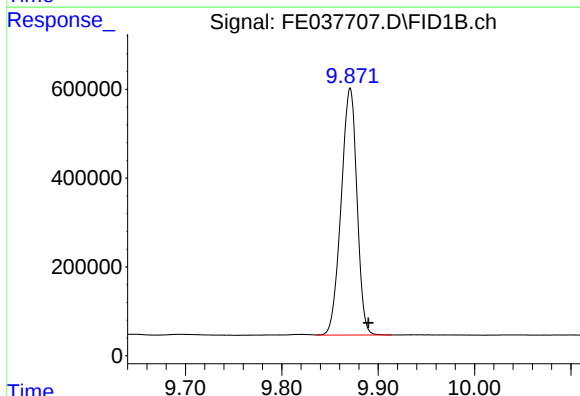
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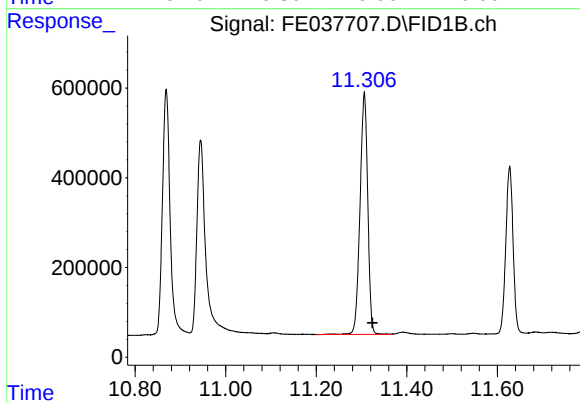
#6 n-Tetradecane (C14)

R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 6316255
Conc: 39.86 ug/ml



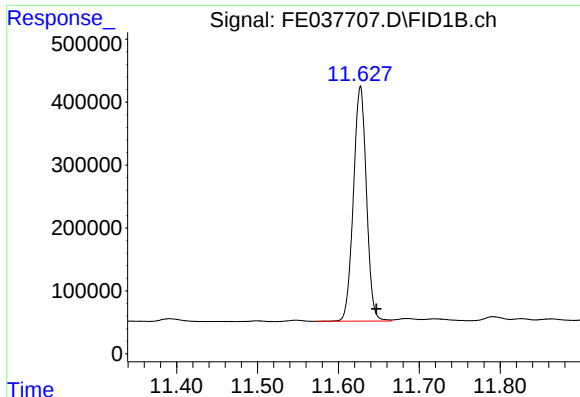
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 6316255
Conc: 39.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.306 min
Delta R.T.: -0.018 min
Response: 6387375
Conc: 40.11 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 4185245
Conc: 24.77 ug/ml

Instrument :

FID_E

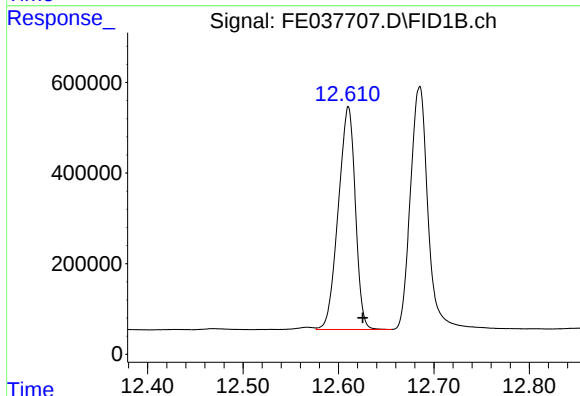
ClientSampleId :

5MS

Manual Integrations

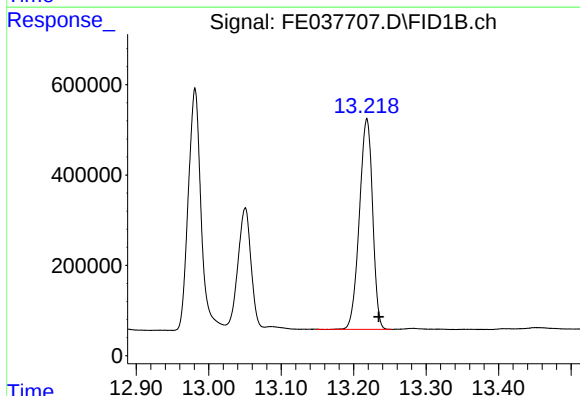
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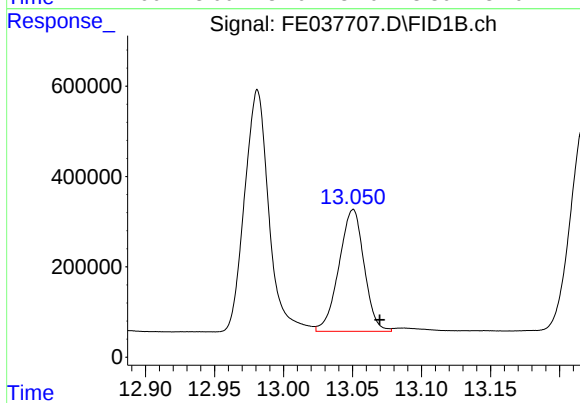
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.015 min
Response: 6098708
Conc: 38.55 ug/ml



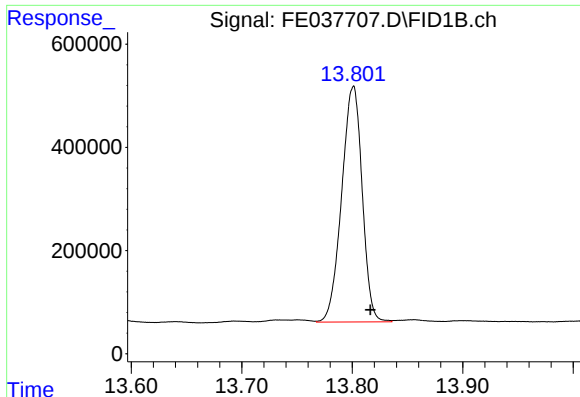
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.017 min
Response: 5919503
Conc: 37.54 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.019 min
Response: 3423897
Conc: 26.60 ug/ml m



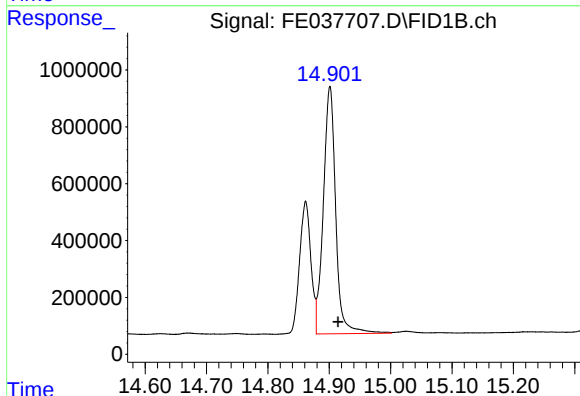
#13 n-Docosane (C22)

R.T.: 13.801 min
Delta R.T.: -0.015 min
Response: 5889822
Conc: 37.84 ug/ml

Instrument :
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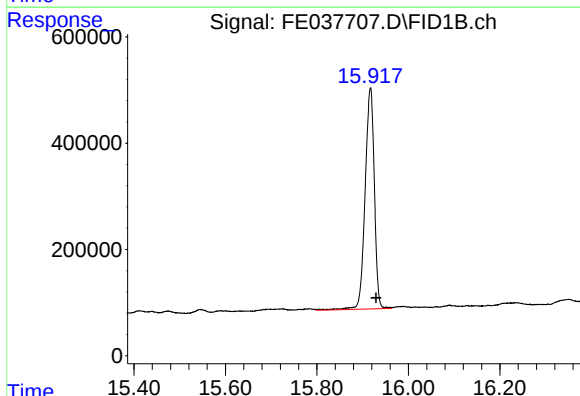
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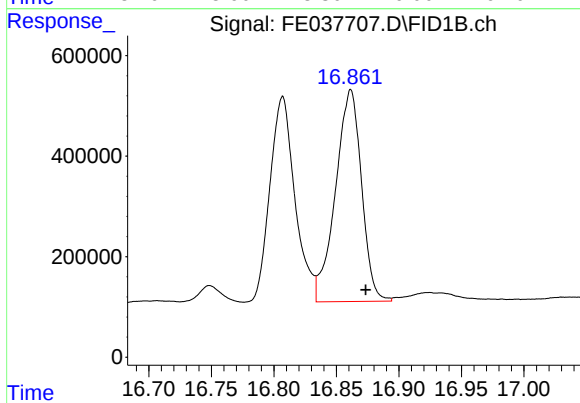
#14 n-Tetracosane (C24)

R.T.: 14.901 min
Delta R.T.: -0.014 min
Response: 12195459
Conc: 81.08 ug/ml



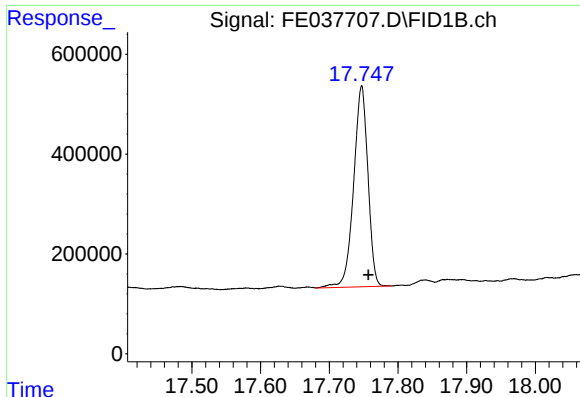
#15 n-Hexacosane (C26)

R.T.: 15.917 min
Delta R.T.: -0.012 min
Response: 5837124
Conc: 40.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.862 min
Delta R.T.: -0.012 min
Response: 6109201
Conc: 44.10 ug/ml



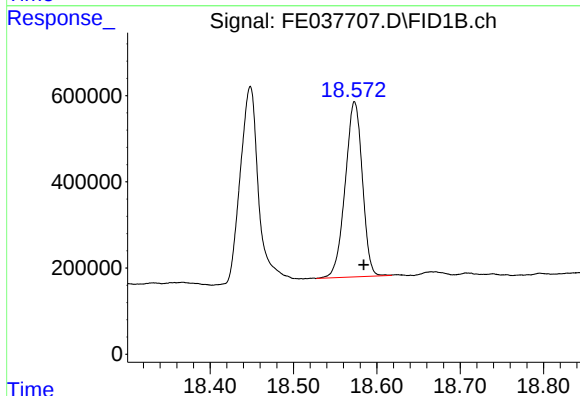
#17 n-Tricontane (C30)

R.T.: 17.747 min
Delta R.T.: -0.010 min
Response: 5804249
Conc: 42.67 ug/ml

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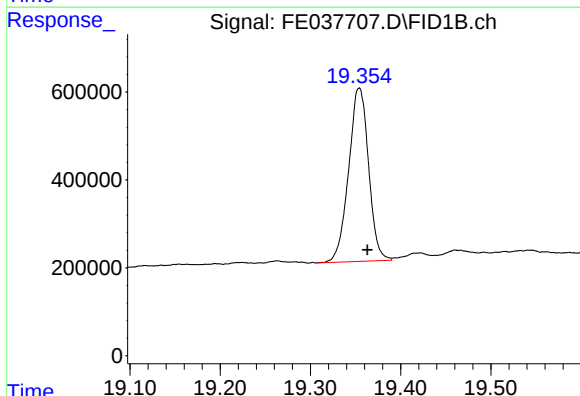
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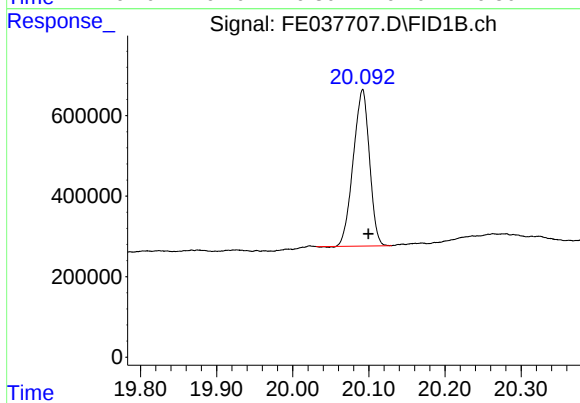
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.012 min
Response: 5813101
Conc: 43.53 ug/ml m



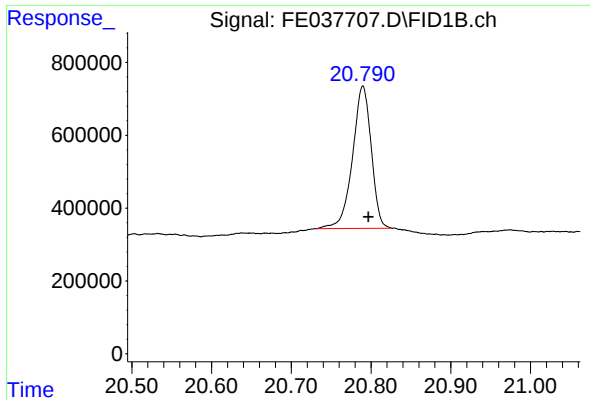
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.009 min
Response: 6054567
Conc: 47.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.092 min
Delta R.T.: -0.008 min
Response: 5754548
Conc: 44.74 ug/ml



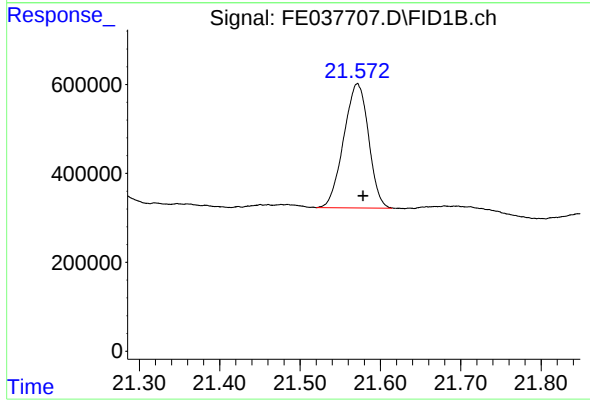
#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: -0.007 min
Response: 6371891
Conc: 51.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.572 min
Delta R.T.: -0.007 min
Response: 6012459
Conc: 46.64 ug/ml m