

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037390.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 19:45
 Operator : YP\AJ
 Sample : N4464-03MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:22:04 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)	11.639	4727306	27.973 ug/ml
Spiked Amount 50.000		Recovery =	55.95%
12) S 1-chlorooctadecane (S...	13.060	3811348	29.614 ug/ml
Spiked Amount 50.000		Recovery =	59.23%
Target Compounds			
1) T n-Nonane (C9)	3.041	4336346	28.341 ug/ml
2) T n-Decane (C10)	4.296	4840441	31.395 ug/ml
3) T A~Naphthalene (C11.7)	6.008	5197100	36.073 ug/ml
4) T n-Dodecane (C12)	6.464	5454187	34.491 ug/ml
5) T A~2-methylnaphthalene...	7.101	5346039	38.292 ug/ml
6) T n-Tetradecane (C14)	9.883	6338541	40.003 ug/ml
7) T n-Hexadecane (C16)	9.883	6338541	40.003 ug/ml
8) T n-Octadecane (C18)	11.317	6580232	41.322 ug/ml
10) T n-Eicosane (C20)	12.620	6414455	40.541 ug/ml
11) T n-Heneicosane (C21)	13.227	6300379	39.954 ug/ml
13) T n-Docosane (C22)	13.810	6200299	39.830 ug/ml
14) T n-Tetracosane (C24)	14.906	11799656	78.453 ug/ml
15) T n-Hexacosane (C26)	15.924	5773928	39.874 ug/ml
16) T n-Octacosane (C28)	16.867	6110749	44.109 ug/ml
17) T n-Tricontane (C30)	17.750	5446374	40.038 ug/ml
18) T n-Dotriacontane (C32)	18.577	5484842	41.075 ug/ml
19) T n-Tetratriacontane (C34)	19.354	5413687	42.787 ug/ml
20) T n-Hexatriacontane (C36)	20.091	5164873	40.158 ug/mlm
21) T n-Octatriacontane (C38)	20.785	5163053	41.484 ug/mlm
22) T n-Tetracontane (C40)	21.567	5397004	41.865 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N4464-03MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

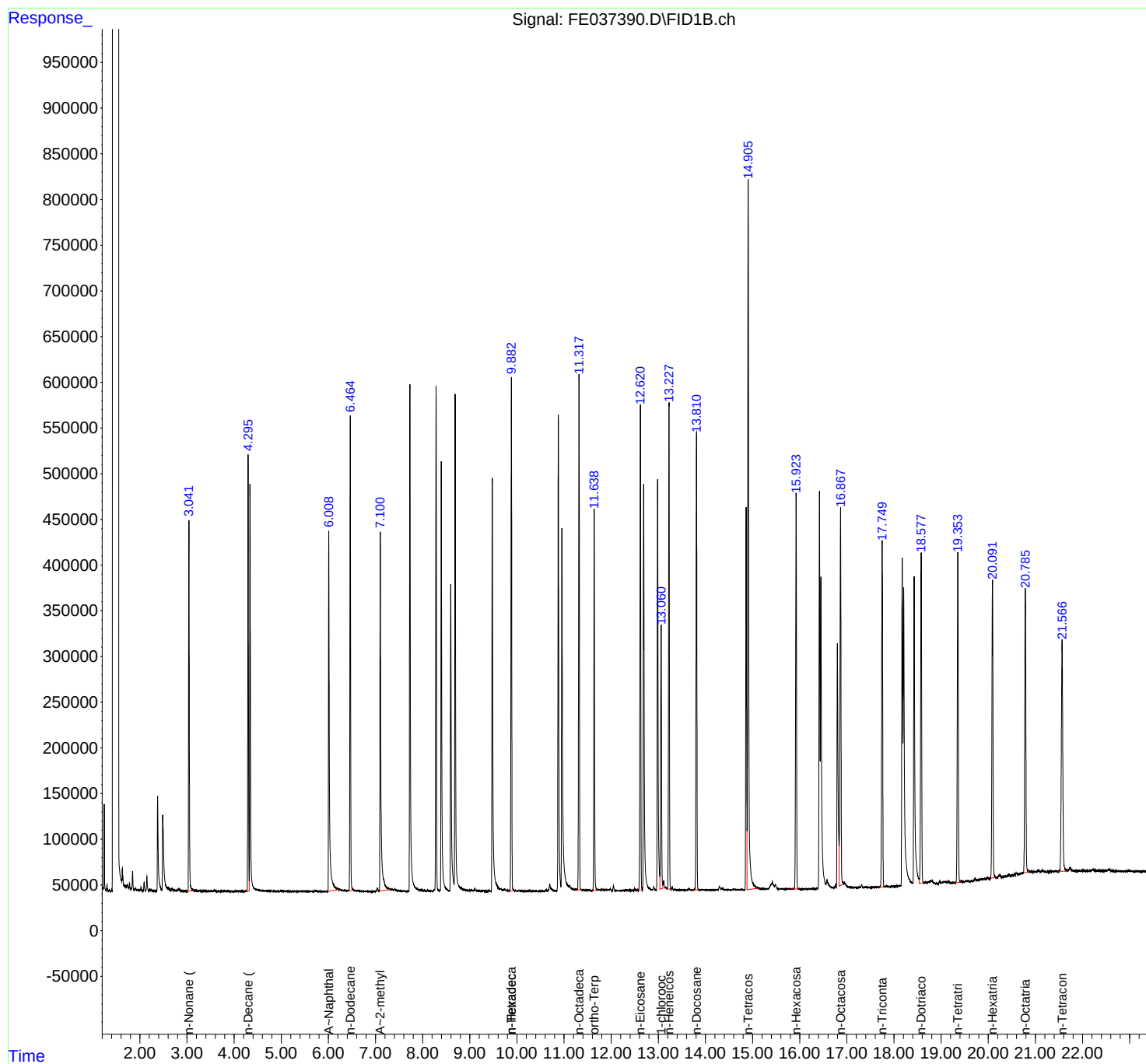
Instrument :
FID_E
ClientSampleId :
WC-2MSD

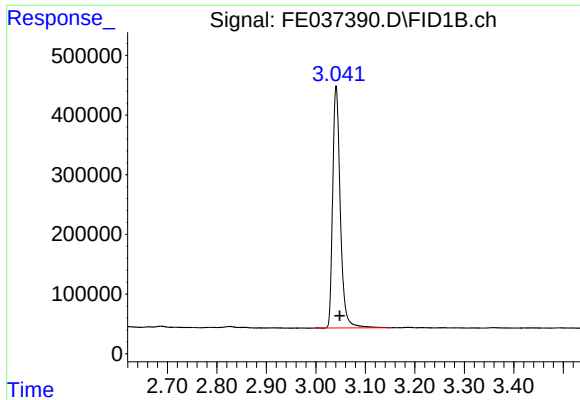
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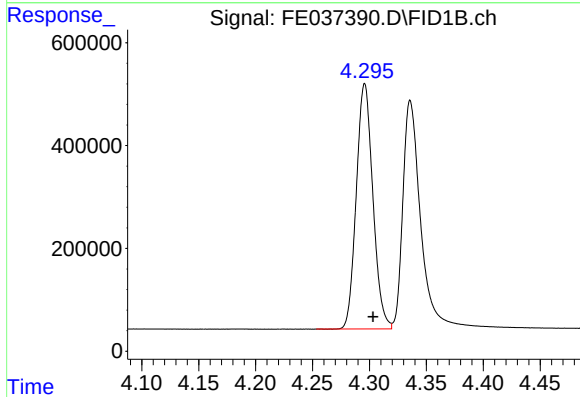
#1 n-Nonane (C9)

R.T.: 3.041 min
Delta R.T.: -0.007 min
Response: 4336346
Conc: 28.34 ug/ml

Instrument :
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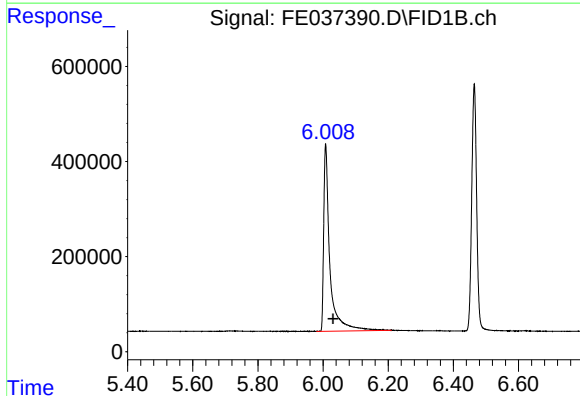
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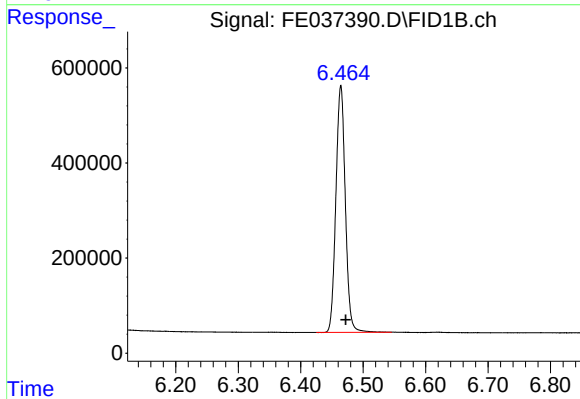
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 4840441
Conc: 31.40 ug/ml



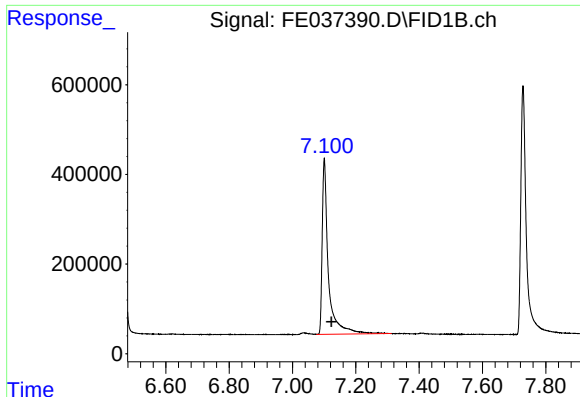
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.023 min
Response: 5197100
Conc: 36.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.464 min
Delta R.T.: -0.008 min
Response: 5454187
Conc: 34.49 ug/ml



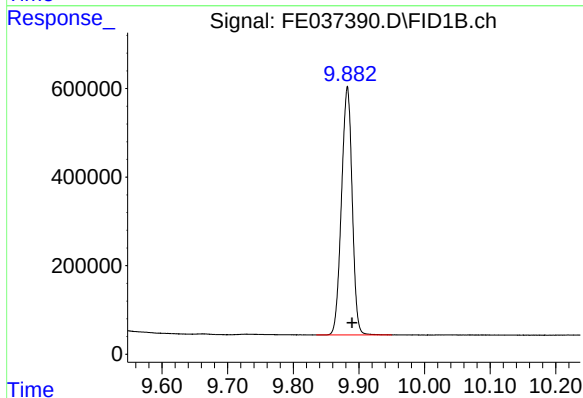
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.101 min
Delta R.T.: -0.023 min
Response: 5346039
Conc: 38.29 ug/ml

Instrument :
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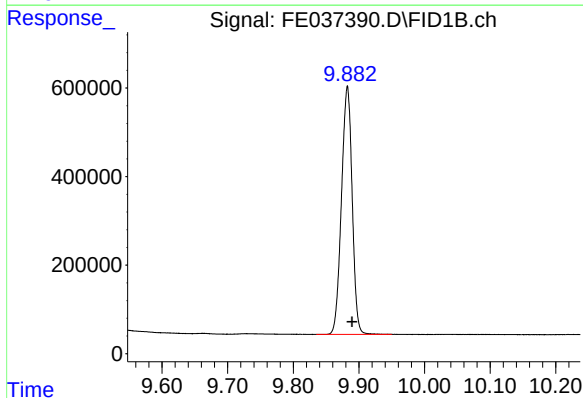
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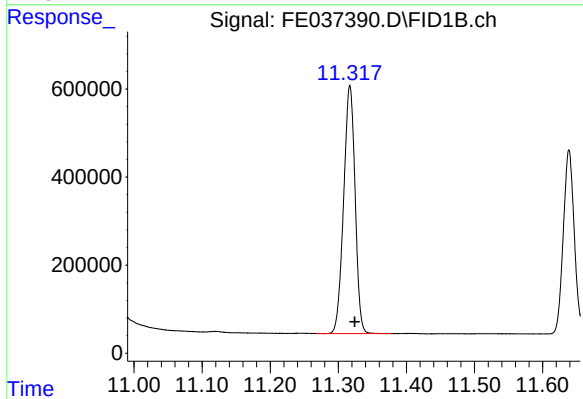
#6 n-Tetradecane (C14)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 6338541
Conc: 40.00 ug/ml



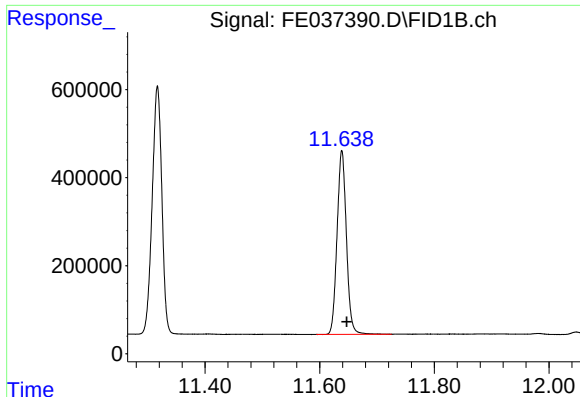
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 6338541
Conc: 40.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.007 min
Response: 6580232
Conc: 41.32 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: -0.008 min
Response: 4727306
Conc: 27.97 ug/ml

Instrument :

FID_E

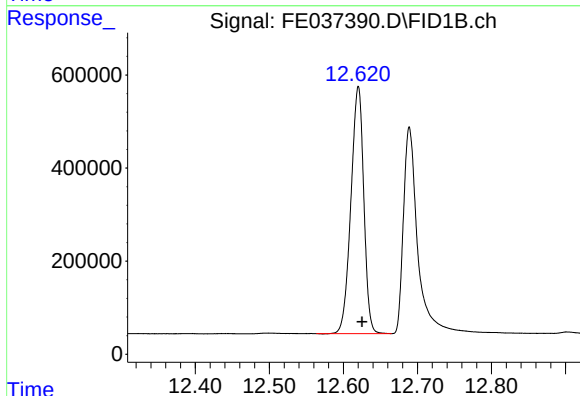
ClientSampleId :

WC-2MSD

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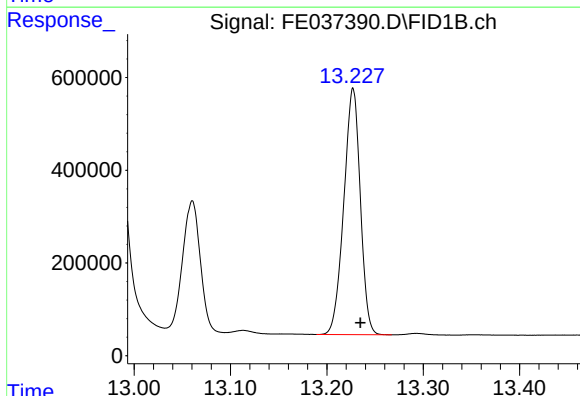
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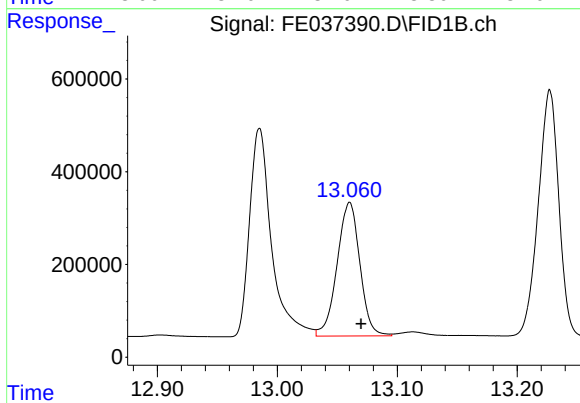
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.005 min
Response: 6414455
Conc: 40.54 ug/ml



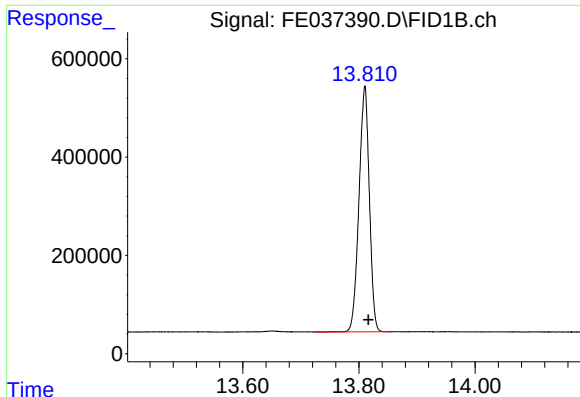
#11 n-Heneicosane (C21)

R.T.: 13.227 min
Delta R.T.: -0.008 min
Response: 6300379
Conc: 39.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.060 min
Delta R.T.: -0.009 min
Response: 3811348
Conc: 29.61 ug/ml



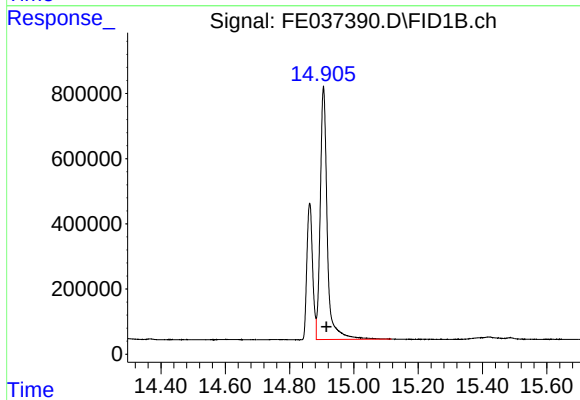
#13 n-Docosane (C22)

R.T.: 13.810 min
Delta R.T.: -0.006 min
Response: 6200299
Conc: 39.83 ug/ml

Instrument :
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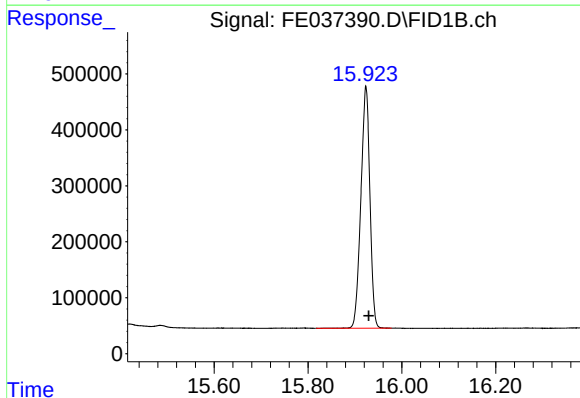
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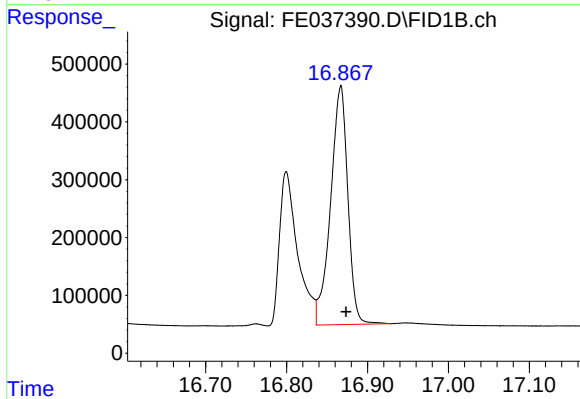
#14 n-Tetracosane (C24)

R.T.: 14.906 min
Delta R.T.: -0.009 min
Response: 11799656
Conc: 78.45 ug/ml



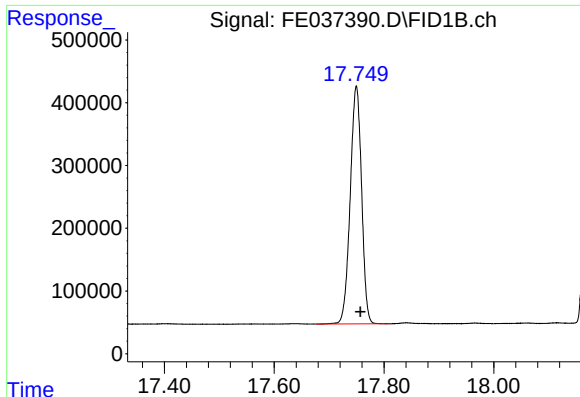
#15 n-Hexacosane (C26)

R.T.: 15.924 min
Delta R.T.: -0.006 min
Response: 5773928
Conc: 39.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.867 min
Delta R.T.: -0.007 min
Response: 6110749
Conc: 44.11 ug/ml



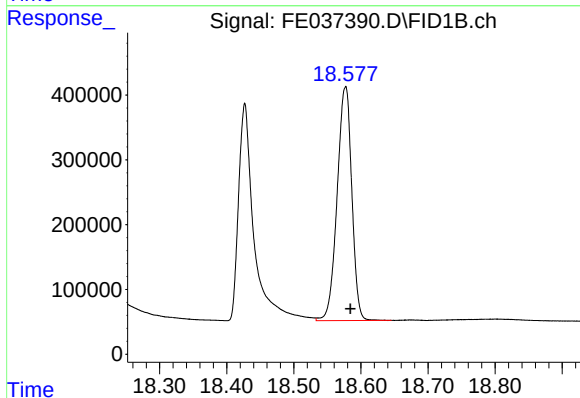
#17 n-Tricontane (C30)

R.T.: 17.750 min
Delta R.T.: -0.007 min
Response: 5446374
Conc: 40.04 ug/ml

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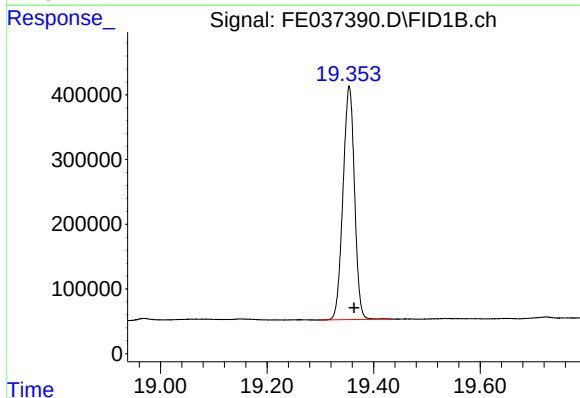
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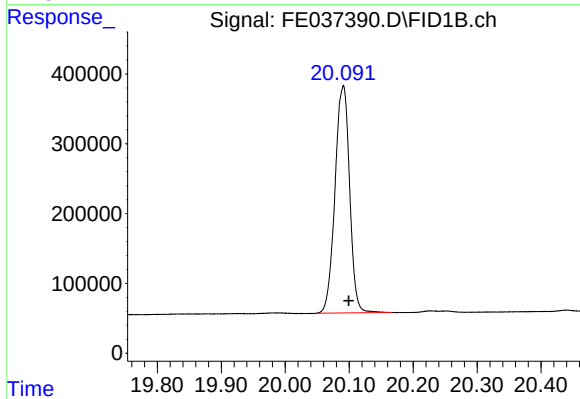
#18 n-Dotriacontane (C32)

R.T.: 18.577 min
Delta R.T.: -0.007 min
Response: 5484842
Conc: 41.07 ug/ml



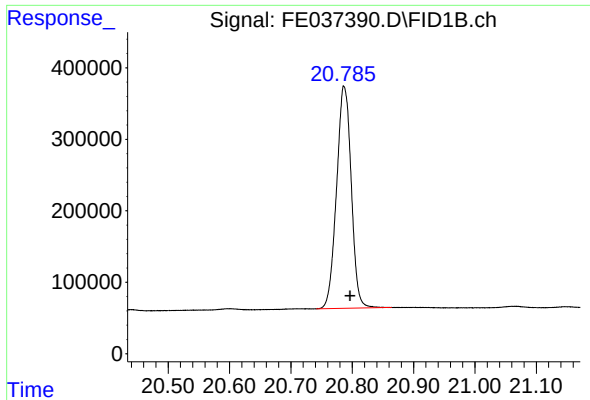
#19 n-Tetratriacontane (C34)

R.T.: 19.354 min
Delta R.T.: -0.009 min
Response: 5413687
Conc: 42.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.091 min
Delta R.T.: -0.009 min
Response: 5164873
Conc: 40.16 ug/ml m



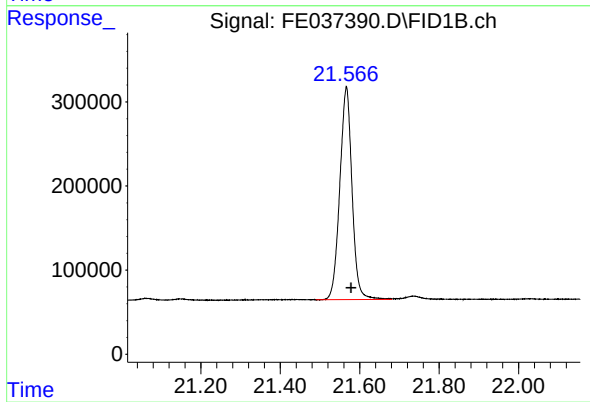
#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.011 min
Response: 5163053
Conc: 41.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.567 min
Delta R.T.: -0.012 min
Response: 5397004
Conc: 41.86 ug/ml