

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090622AL\
 Data File : FE037425.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2022 19:07
 Operator : YP\AJ
 Sample : N4498-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CL-02-090222MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2022
 Supervised By :Ankita Jodhani 09/07/2022

Integration File: sample.E
 Quant Time: Sep 07 02:44:44 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)	11.646	5088574	30.111 ug/ml
Spiked Amount 50.000		Recovery =	60.22%
12) S 1-chlorooctadecane (S...	13.069	7124496	55.358 ug/ml
Spiked Amount 50.000		Recovery =	110.72%
Target Compounds			
1) T n-Nonane (C9)	3.040	3801270	24.844 ug/ml
2) T n-Decane (C10)	4.297	4308192	27.943 ug/ml
3) T A~Naphthalene (C11.7)	6.008	5242763	36.390 ug/ml
4) T n-Dodecane (C12)	6.467	5107301	32.298 ug/ml
5) T A~2-methylnaphthalene...	7.101	5579413	39.963 ug/ml
6) T n-Tetradecane (C14)	9.886	6808250	42.967 ug/ml
7) T n-Hexadecane (C16)	9.886	6808250	42.967 ug/ml
8) T n-Octadecane (C18)	11.325	6496132	40.794 ug/ml
10) T n-Eicosane (C20)	12.628	7187512	45.427 ug/ml
11) T n-Heneicosane (C21)	13.235	5966081	37.834 ug/ml
13) T n-Docosane (C22)	13.819	6361482	40.865 ug/ml
14) T n-Tetracosane (C24)	14.920	15009982	99.798 ug/ml
15) T n-Hexacosane (C26)	15.935	5679765	39.224 ug/ml
16) T n-Octacosane (C28)	16.879	5708852	41.208 ug/ml
17) T n-Tricontane (C30)	17.765	5763183	42.366 ug/ml
18) T n-Dotriacontane (C32)	18.593	6323691	47.357 ug/ml
19) T n-Tetratriacontane (C34)	19.373	5270939	41.658 ug/ml
20) T n-Hexatriacontane (C36)	20.108	5407931	42.048 ug/ml
21) T n-Octatriacontane (C38)	20.808	6021410	48.380 ug/ml
22) T n-Tetracontane (C40)	21.596	5495448	42.628 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N4498-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

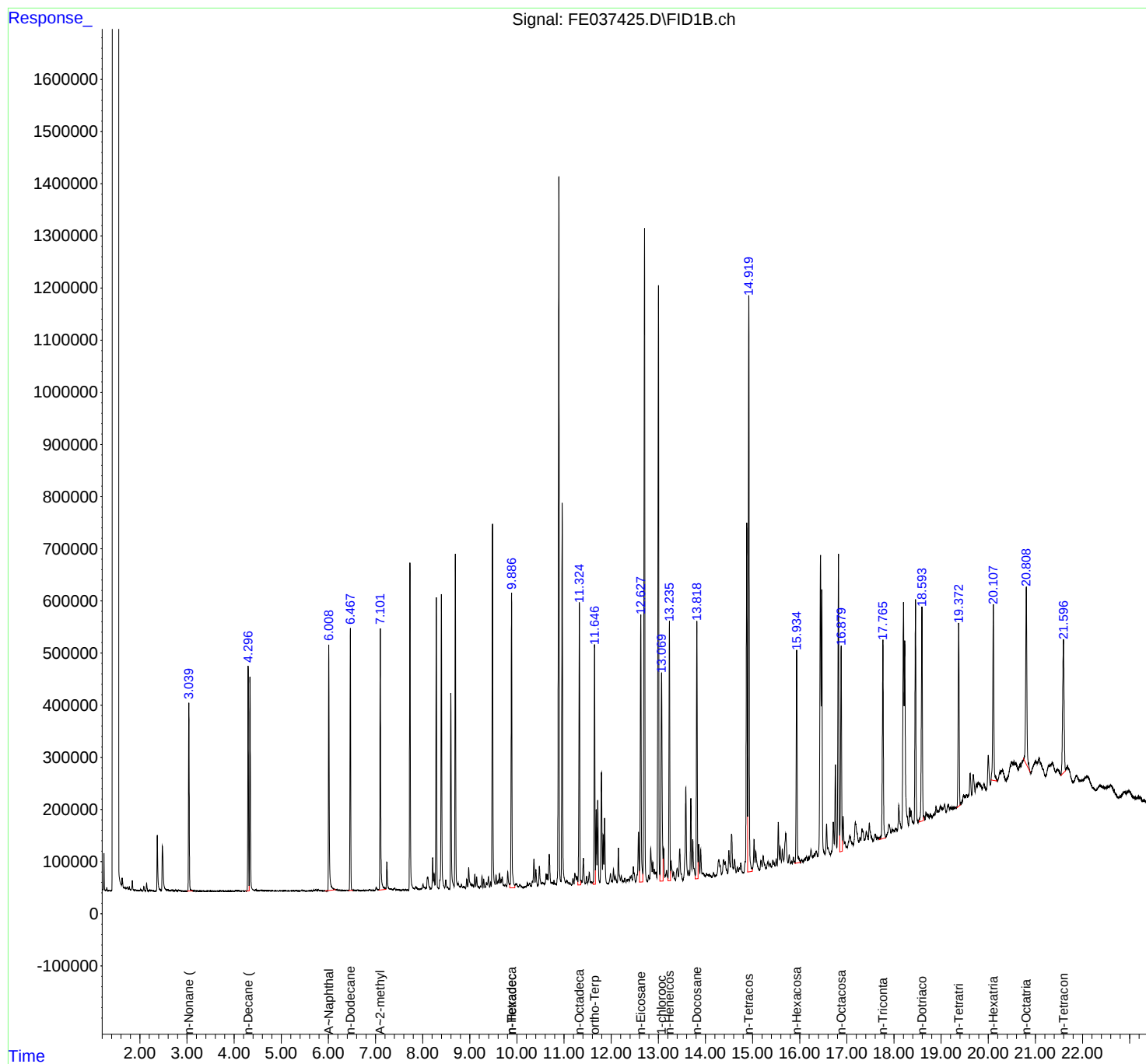
Instrument :
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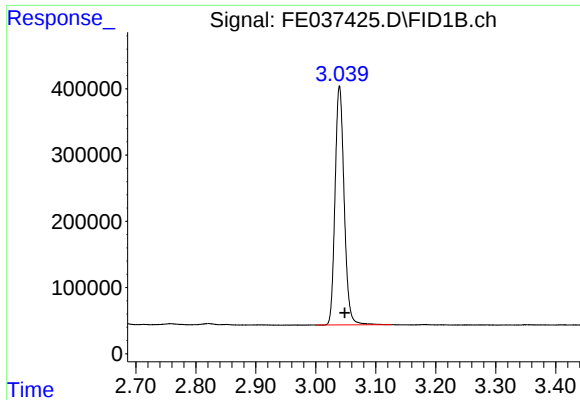
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.040 min
Delta R.T.: -0.008 min
Response: 3801270
Conc: 24.84 ug/ml

Instrument :

FID_E

ClientSampleId :

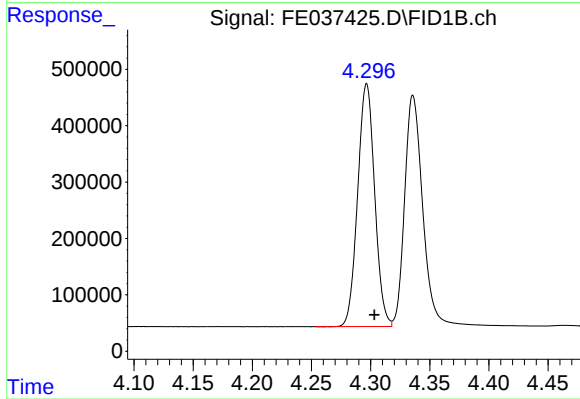
CL-02-090222MS

Manual Integrations

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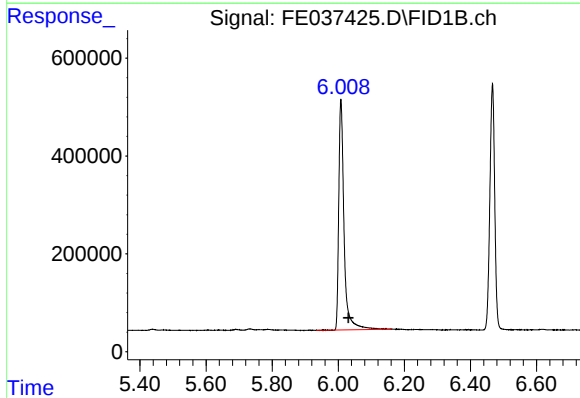
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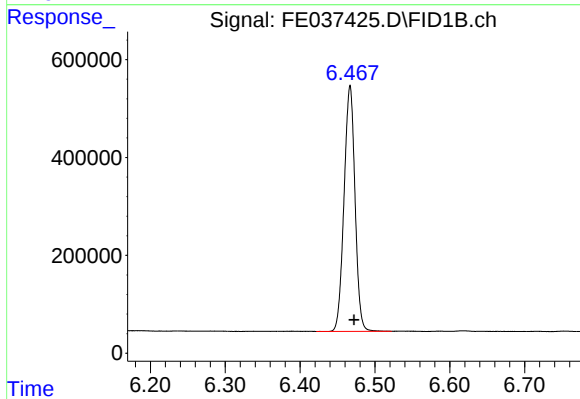
#2 n-Decane (C10)

R.T.: 4.297 min
Delta R.T.: -0.007 min
Response: 4308192
Conc: 27.94 ug/ml



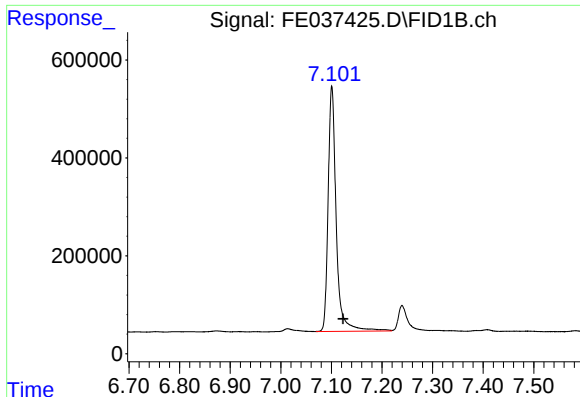
#3 A~Naphthalene (C11.7)

R.T.: 6.008 min
Delta R.T.: -0.022 min
Response: 5242763
Conc: 36.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.006 min
Response: 5107301
Conc: 32.30 ug/ml



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

R.T.: 7.101 min
Delta R.T.: -0.022 min
Response: 5579413
Conc: 39.96 ug/ml

Instrument :

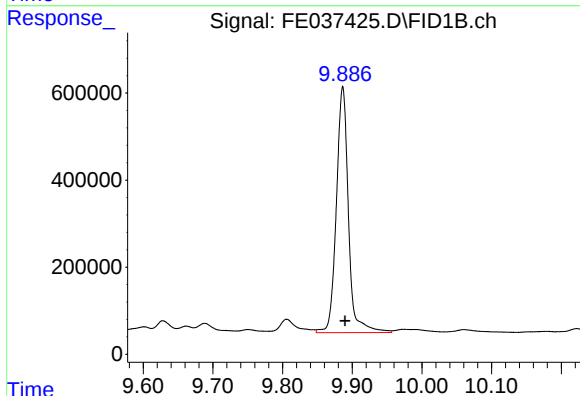
FID_E

ClientSampleId :

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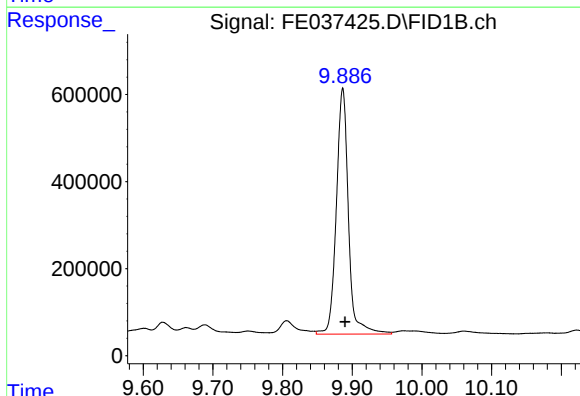
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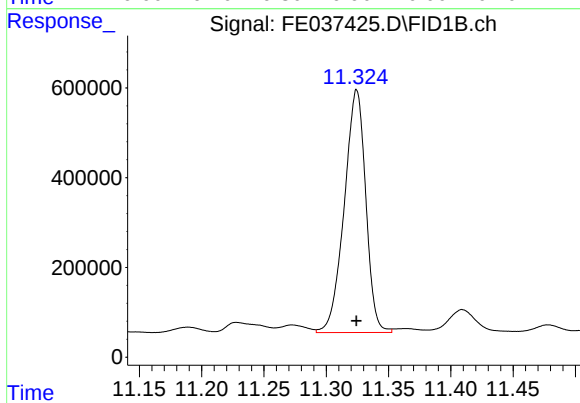
#6 n-Tetradecane (C14)

R.T.: 9.886 min
Delta R.T.: -0.003 min
Response: 6808250
Conc: 42.97 ug/ml



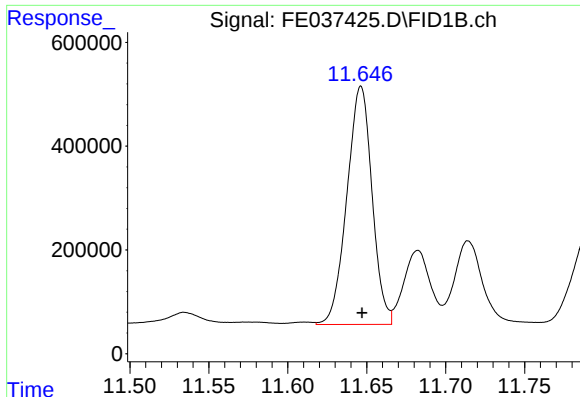
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.003 min
Response: 6808250
Conc: 42.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.325 min
Delta R.T.: 0.000 min
Response: 6496132
Conc: 40.79 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.646 min
Delta R.T.: 0.000 min
Response: 5088574
Conc: 30.11 ug/ml

Instrument :

FID_E

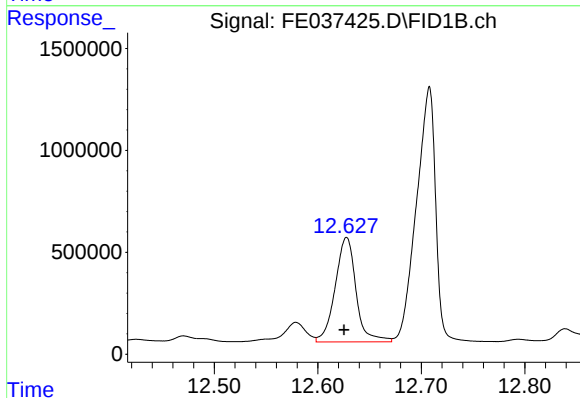
ClientSampleId :

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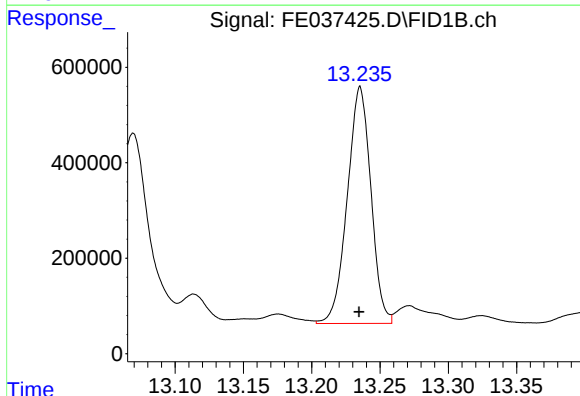
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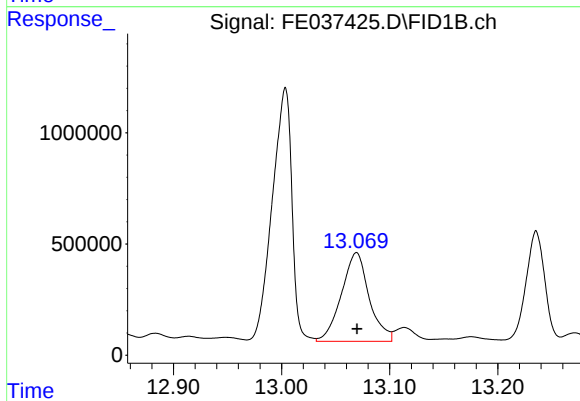
#10 n-Eicosane (C20)

R.T.: 12.628 min
Delta R.T.: 0.002 min
Response: 7187512
Conc: 45.43 ug/ml



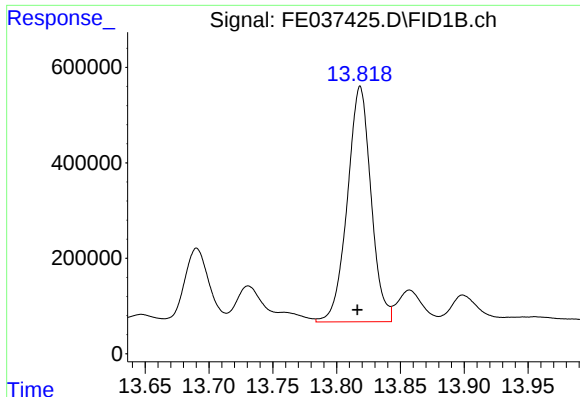
#11 n-Heneicosane (C21)

R.T.: 13.235 min
Delta R.T.: 0.000 min
Response: 5966081
Conc: 37.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.069 min
Delta R.T.: 0.000 min
Response: 7124496
Conc: 55.36 ug/ml



#13 n-Docosane (C22)

R.T.: 13.819 min
Delta R.T.: 0.002 min
Response: 6361482
Conc: 40.87 ug/ml

Instrument :

FID_E

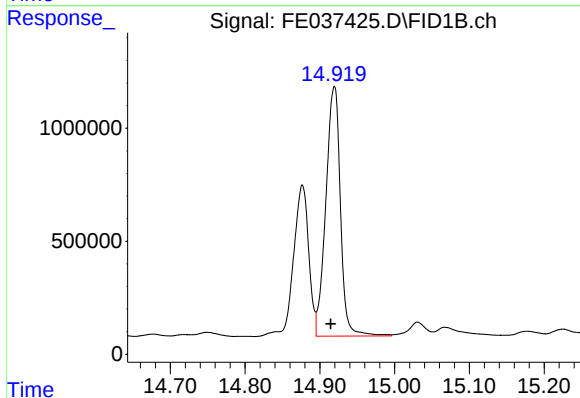
ClientSampleId :

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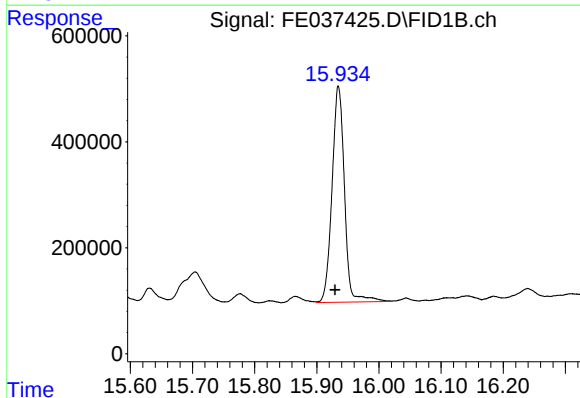
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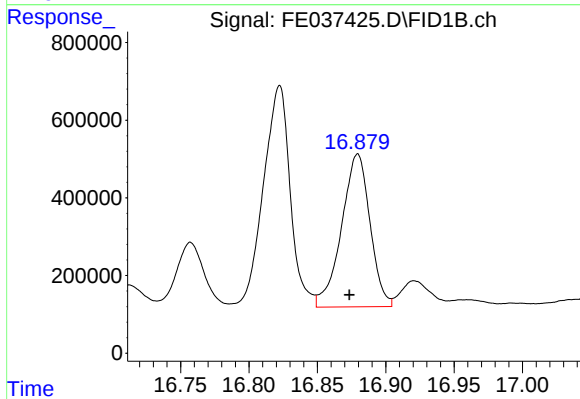
#14 n-Tetracosane (C24)

R.T.: 14.920 min
Delta R.T.: 0.005 min
Response: 15009982
Conc: 99.80 ug/ml



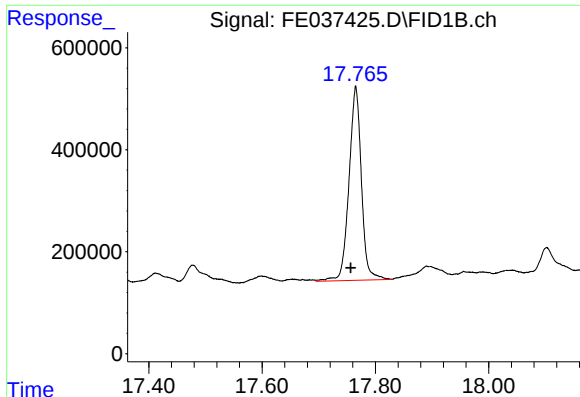
#15 n-Hexacosane (C26)

R.T.: 15.935 min
Delta R.T.: 0.005 min
Response: 5679765
Conc: 39.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: 0.006 min
Response: 5708852
Conc: 41.21 ug/ml



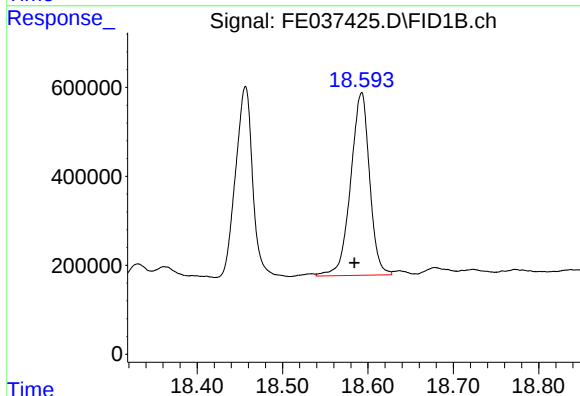
#17 n-Tricontane (C30)

R.T.: 17.765 min
Delta R.T.: 0.009 min
Response: 5763183
Conc: 42.37 ug/ml

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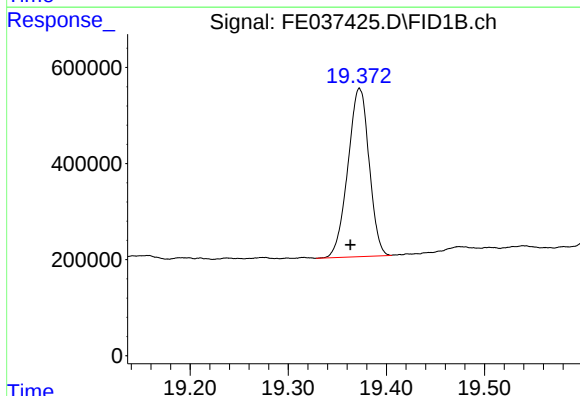
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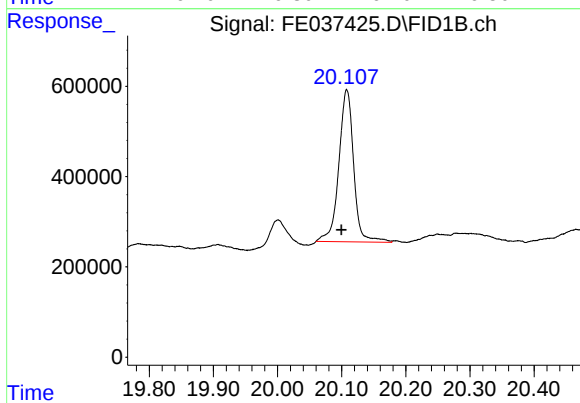
#18 n-Dotriacontane (C32)

R.T.: 18.593 min
Delta R.T.: 0.008 min
Response: 6323691
Conc: 47.36 ug/ml



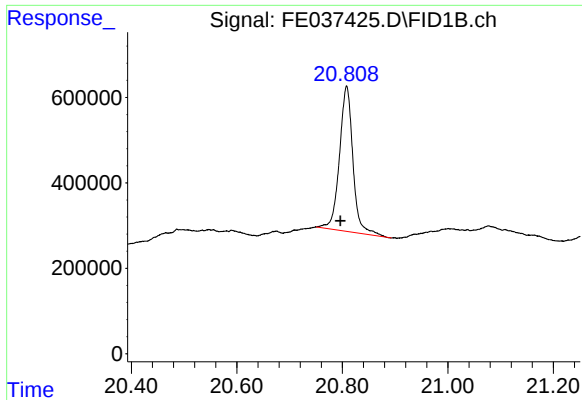
#19 n-Tetratriacontane (C34)

R.T.: 19.373 min
Delta R.T.: 0.009 min
Response: 5270939
Conc: 41.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.108 min
Delta R.T.: 0.009 min
Response: 5407931
Conc: 42.05 ug/ml



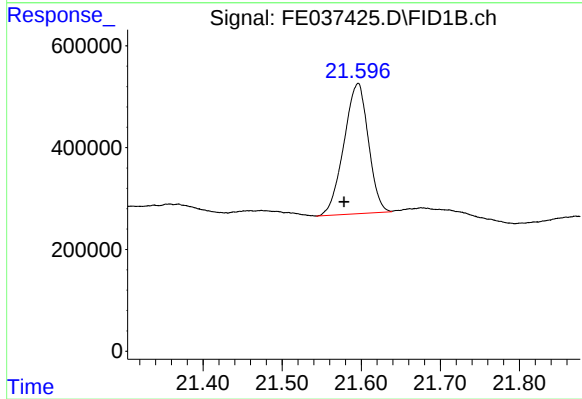
#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: 0.012 min
Response: 6021410
Conc: 48.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.018 min
Response: 5495448
Conc: 42.63 ug/ml m