

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092022AL\
 Data File : FE037690.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2022 18:48
 Operator : YP\AJ
 Sample : N4700-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 ROLLOFF-SOILMS

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 04:49:55 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)	11.622	5497879	32.533 ug/ml
Spiked Amount 50.000		Recovery =	65.07%
12) S 1-chlorooctadecane (S...	13.043	4374848	33.993 ug/ml
Spiked Amount 50.000		Recovery =	67.99%
Target Compounds			
1) T n-Nonane (C9)	3.017	3839349	25.093 ug/mlm
2) T n-Decane (C10)	4.275	4412778	28.622 ug/mlm
3) T A~Naphthalene (C11.7)	5.989	4823384	33.479 ug/ml
4) T n-Dodecane (C12)	6.447	5113335	32.336 ug/ml
5) T A~2-methylnaphthalene...	7.083	4932320	35.328 ug/ml
6) T n-Tetradecane (C14)	9.865	5631783	35.542 ug/ml
7) T n-Hexadecane (C16)	9.865	5631783	35.542 ug/ml
8) T n-Octadecane (C18)	11.300	5828647	36.602 ug/ml
10) T n-Eicosane (C20)	12.602	5830202	36.848 ug/ml
11) T n-Heneicosane (C21)	13.210	5555428	35.230 ug/ml
13) T n-Docosane (C22)	13.792	5472651	35.156 ug/ml
14) T n-Tetracosane (C24)	14.889	10785085	71.707 ug/ml
15) T n-Hexacosane (C26)	15.906	5258560	36.315 ug/ml
16) T n-Octacosane (C28)	16.849	5757258	41.557 ug/ml
17) T n-Tricontane (C30)	17.732	5109524	37.561 ug/ml
18) T n-Dotriacontane (C32)	18.558	5188094	38.853 ug/ml
19) T n-Tetratriacontane (C34)	19.338	5179462	40.936 ug/ml
20) T n-Hexatriacontane (C36)	20.073	5046339	39.236 ug/ml
21) T n-Octatriacontane (C38)	20.770	5233216	42.047 ug/ml
22) T n-Tetracontane (C40)	21.545	5375507	41.698 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N4700-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

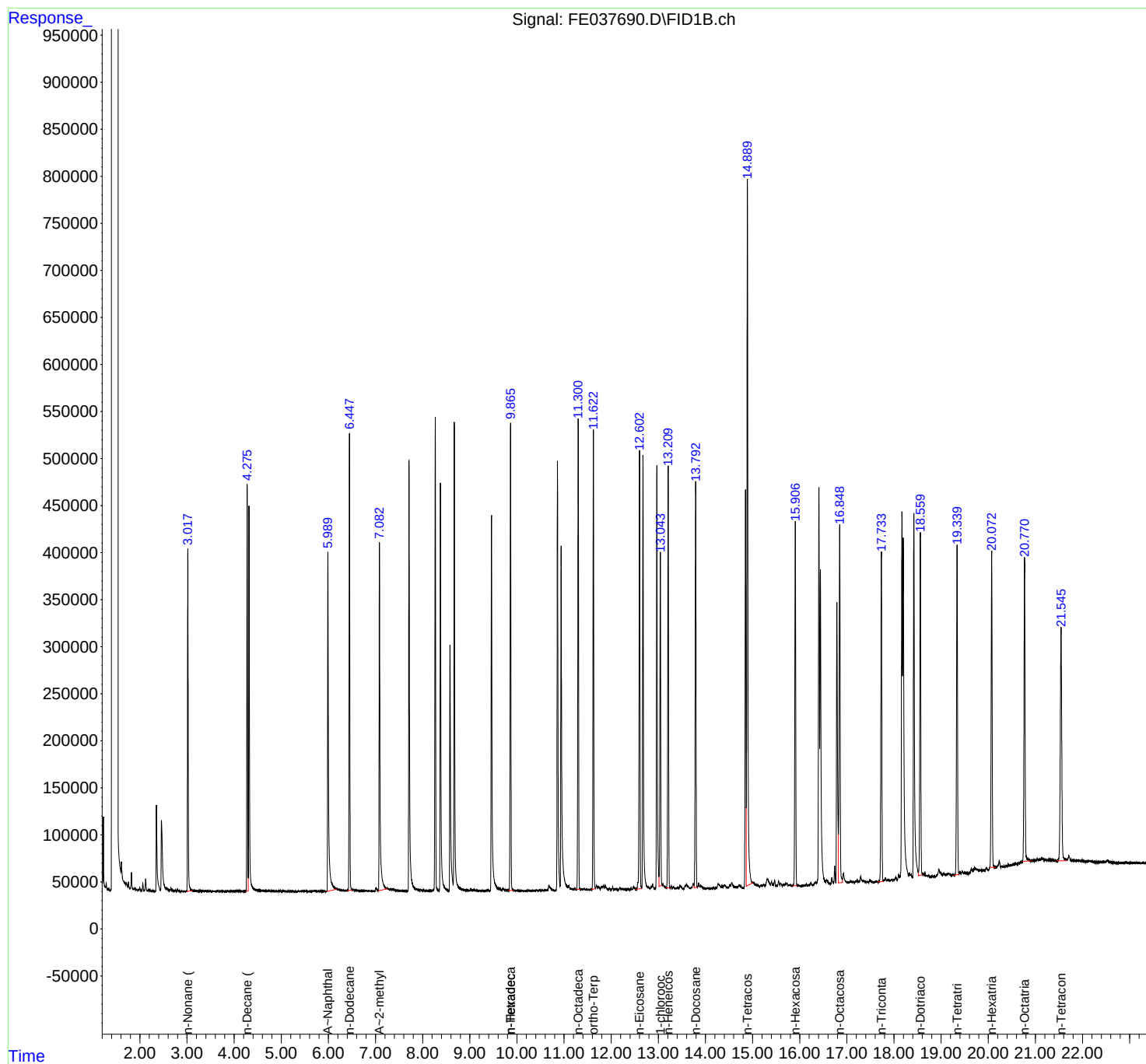
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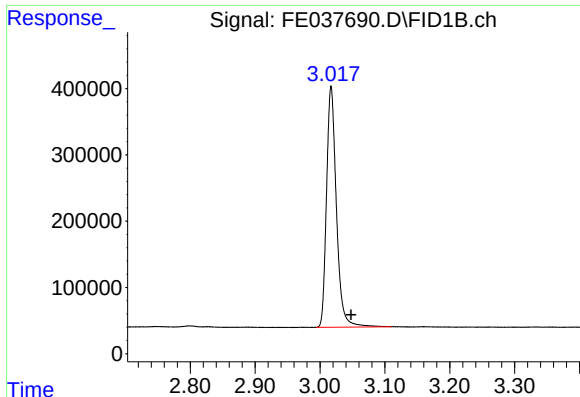
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.017 min
Delta R.T.: -0.031 min
Response: 3839349
Conc: 25.09 ug/ml

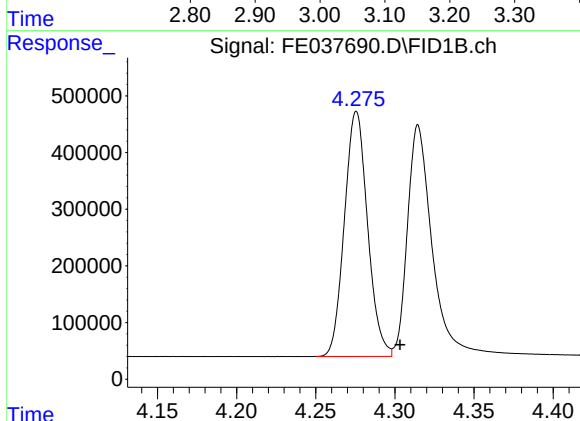
Instrument :

FID_E

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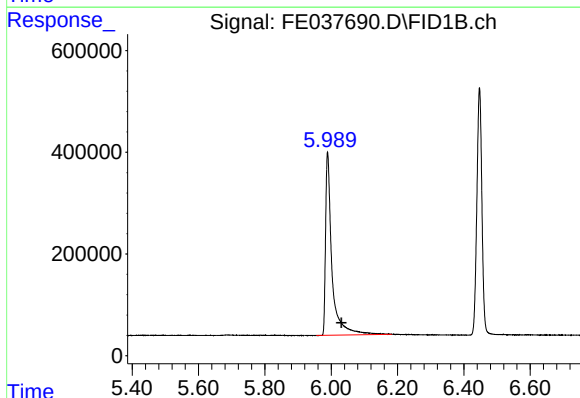
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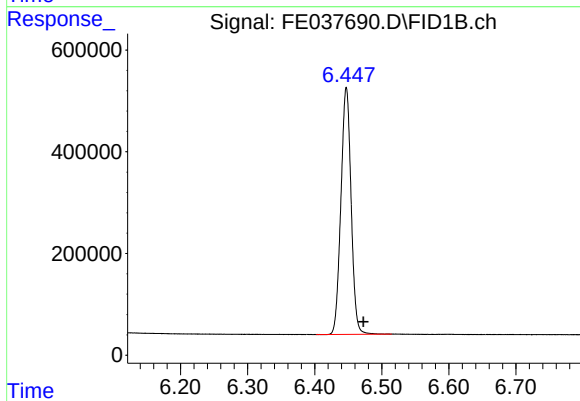
#2 n-Decane (C10)

R.T.: 4.275 min
Delta R.T.: -0.028 min
Response: 4412778
Conc: 28.62 ug/ml m



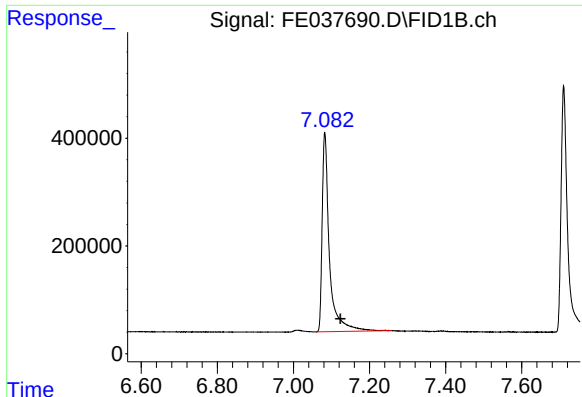
#3 A~Naphthalene (C11.7)

R.T.: 5.989 min
Delta R.T.: -0.041 min
Response: 4823384
Conc: 33.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: -0.025 min
Response: 5113335
Conc: 32.34 ug/ml



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

R.T.: 7.083 min
Delta R.T.: -0.041 min
Response: 4932320
Conc: 35.33 ug/ml

Instrument :

FID_E

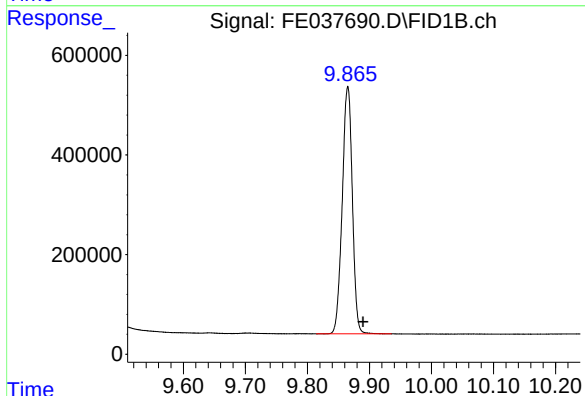
ClientSampleId :

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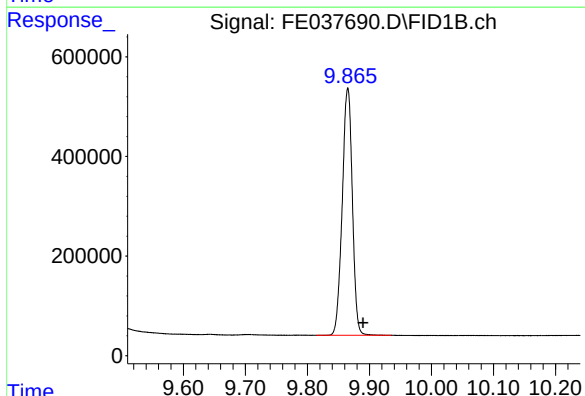
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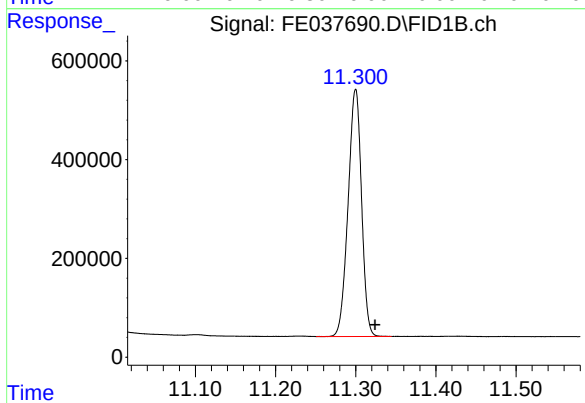
#6 n-Tetradecane (C14)

R.T.: 9.865 min
Delta R.T.: -0.024 min
Response: 5631783
Conc: 35.54 ug/ml



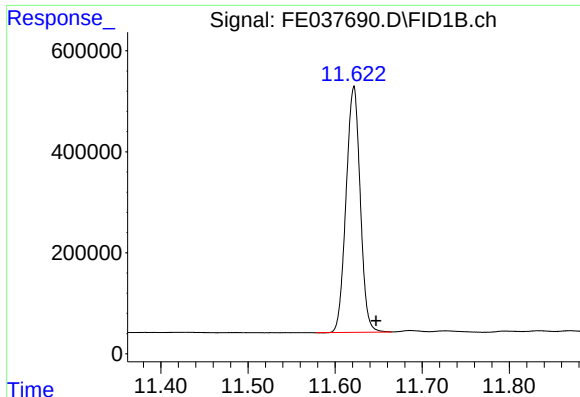
#7 n-Hexadecane (C16)

R.T.: 9.865 min
Delta R.T.: -0.024 min
Response: 5631783
Conc: 35.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.300 min
Delta R.T.: -0.024 min
Response: 5828647
Conc: 36.60 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.622 min
Delta R.T.: -0.025 min
Response: 5497879
Conc: 32.53 ug/ml

Instrument :

FID_E

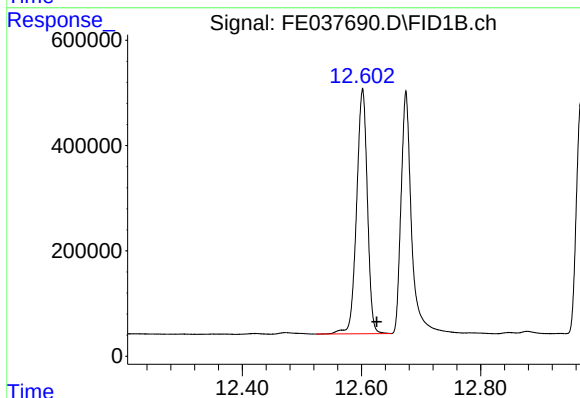
ClientSampleId :

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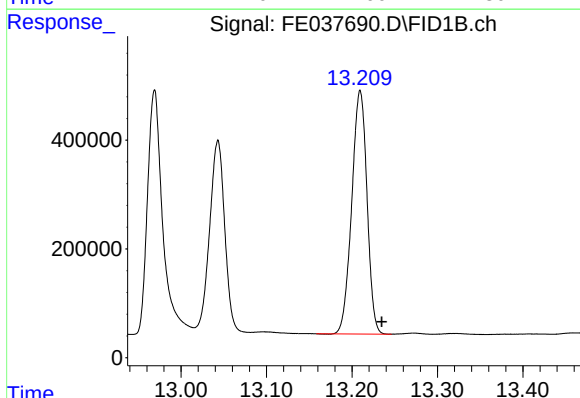
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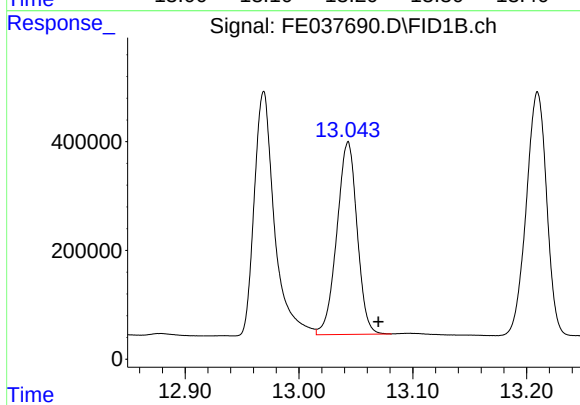
#10 n-Eicosane (C20)

R.T.: 12.602 min
Delta R.T.: -0.023 min
Response: 5830202
Conc: 36.85 ug/ml



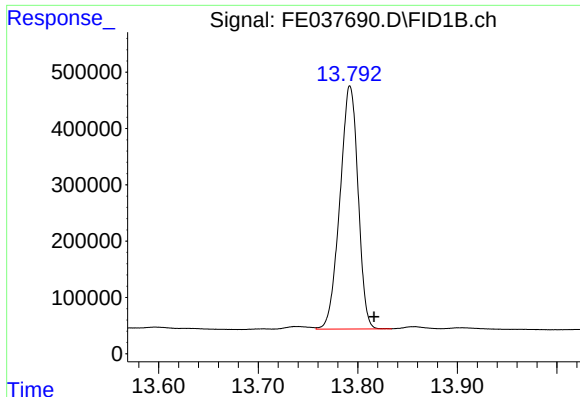
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.025 min
Response: 5555428
Conc: 35.23 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.043 min
Delta R.T.: -0.027 min
Response: 4374848
Conc: 33.99 ug/ml



#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.024 min
Response: 5472651
Conc: 35.16 ug/ml

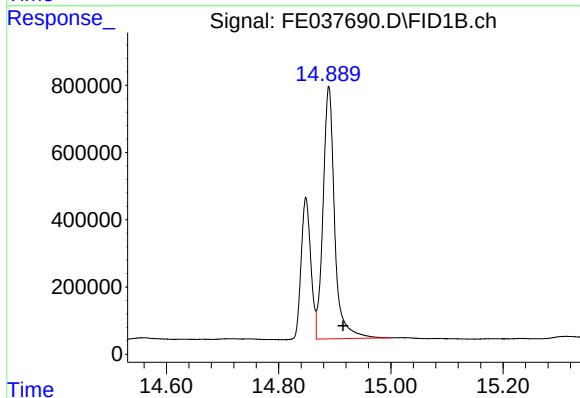
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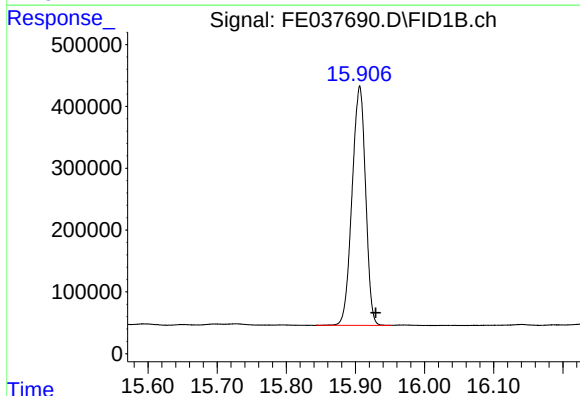
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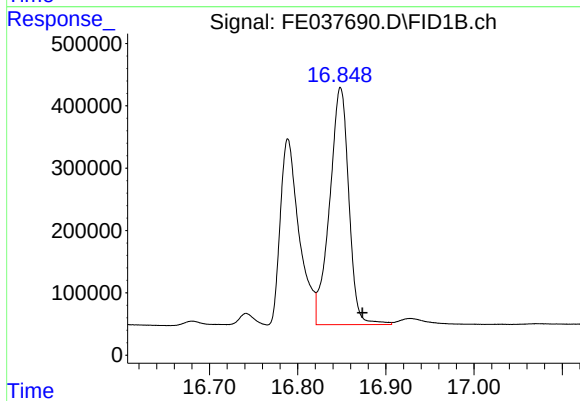
#14 n-Tetracosane (C24)

R.T.: 14.889 min
Delta R.T.: -0.025 min
Response: 10785085
Conc: 71.71 ug/ml



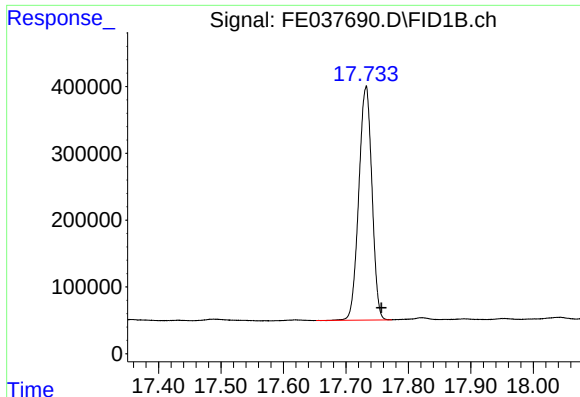
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.023 min
Response: 5258560
Conc: 36.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.849 min
Delta R.T.: -0.025 min
Response: 5757258
Conc: 41.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.732 min
Delta R.T.: -0.024 min
Response: 5109524
Conc: 37.56 ug/ml

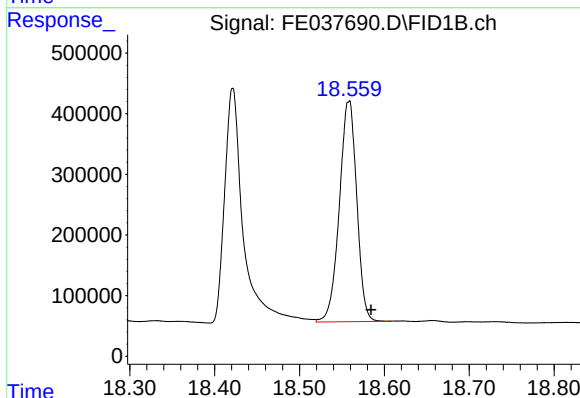
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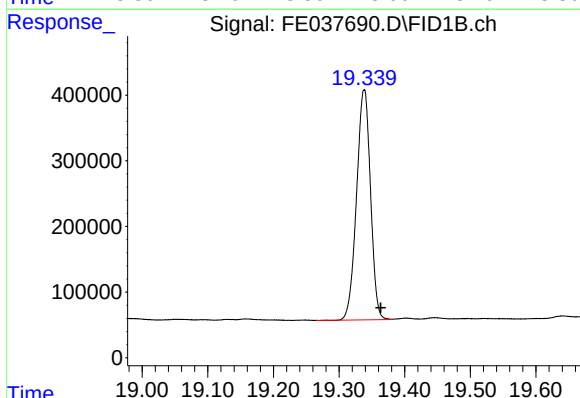
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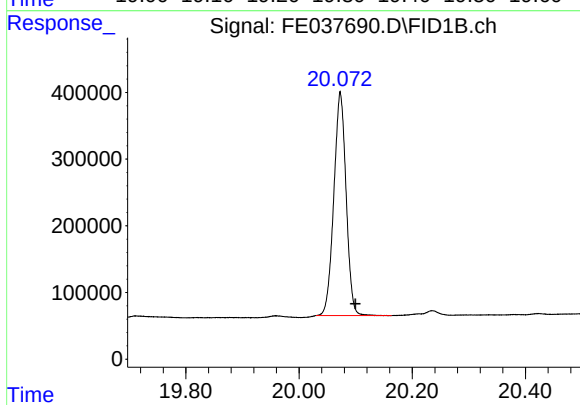
#18 n-Dotriacontane (C32)

R.T.: 18.558 min
Delta R.T.: -0.026 min
Response: 5188094
Conc: 38.85 ug/ml



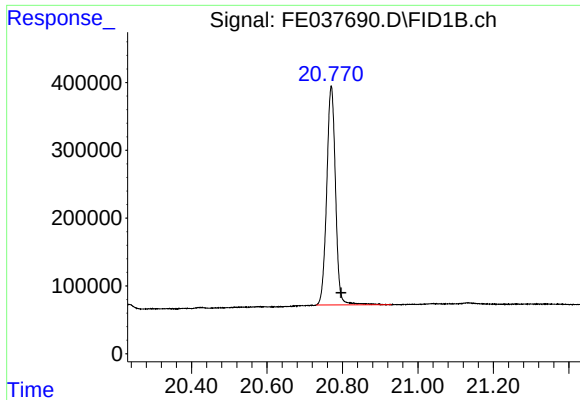
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: -0.025 min
Response: 5179462
Conc: 40.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: -0.026 min
Response: 5046339
Conc: 39.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.770 min
Delta R.T.: -0.026 min
Response: 5233216
Conc: 42.05 ug/ml

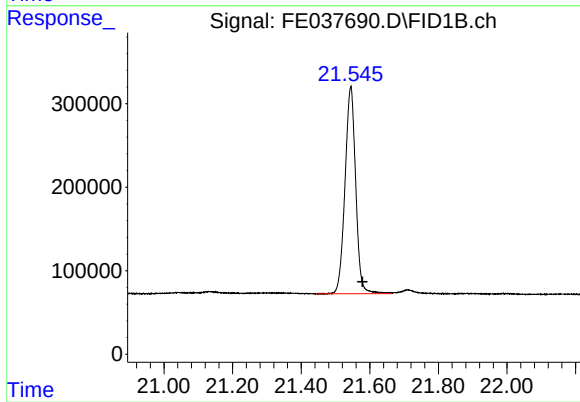
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#22 n-Tetracontane (C40)

R.T.: 21.545 min
Delta R.T.: -0.034 min
Response: 5375507
Conc: 41.70 ug/ml