

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091922AL\
 Data File : FE037660.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2022 17:35
 Operator : YP\AJ
 Sample : N4656-31MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-4MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/20/2022
 Supervised By :Ankita Jodhani 09/20/2022

Integration File: autoint1.e
 Quant Time: Sep 20 04:23:16 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	5426453	32.111 ug/ml
Spiked Amount 50.000		Recovery =	64.22%
12) S 1-chlorooctadecane (S...	13.049	4443423	34.526 ug/ml
Spiked Amount 50.000		Recovery =	69.05%
Target Compounds			
1) T n-Nonane (C9)	3.023	4194292	27.413 ug/ml
2) T n-Decane (C10)	4.280	4765651	30.910 ug/mlm
3) T A~Naphthalene (C11.7)	5.992	5098714	35.390 ug/ml
4) T n-Dodecane (C12)	6.451	5307574	33.564 ug/ml
5) T A~2-methylnaphthalene...	7.086	5180228	37.104 ug/ml
6) T n-Tetradecane (C14)	9.870	6047014	38.163 ug/ml
7) T n-Hexadecane (C16)	9.870	6047014	38.163 ug/ml
8) T n-Octadecane (C18)	11.305	6278280	39.426 ug/ml
10) T n-Eicosane (C20)	12.609	6042000	38.187 ug/ml
11) T n-Heneicosane (C21)	13.216	5944376	37.697 ug/ml
13) T n-Docosane (C22)	13.798	5865092	37.677 ug/ml
14) T n-Tetracosane (C24)	14.896	11225607	74.636 ug/ml
15) T n-Hexacosane (C26)	15.912	5507963	38.037 ug/ml
16) T n-Octacosane (C28)	16.855	5796617	41.841 ug/ml
17) T n-Tricontane (C30)	17.740	5334949	39.218 ug/ml
18) T n-Dotriacontane (C32)	18.566	5494566	41.148 ug/ml
19) T n-Tetratriacontane (C34)	19.347	5393400	42.626 ug/ml
20) T n-Hexatriacontane (C36)	20.080	5265182	40.938 ug/mlm
21) T n-Octatriacontane (C38)	20.776	5369159	43.140 ug/mlm
22) T n-Tetracontane (C40)	21.556	5639623	43.747 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

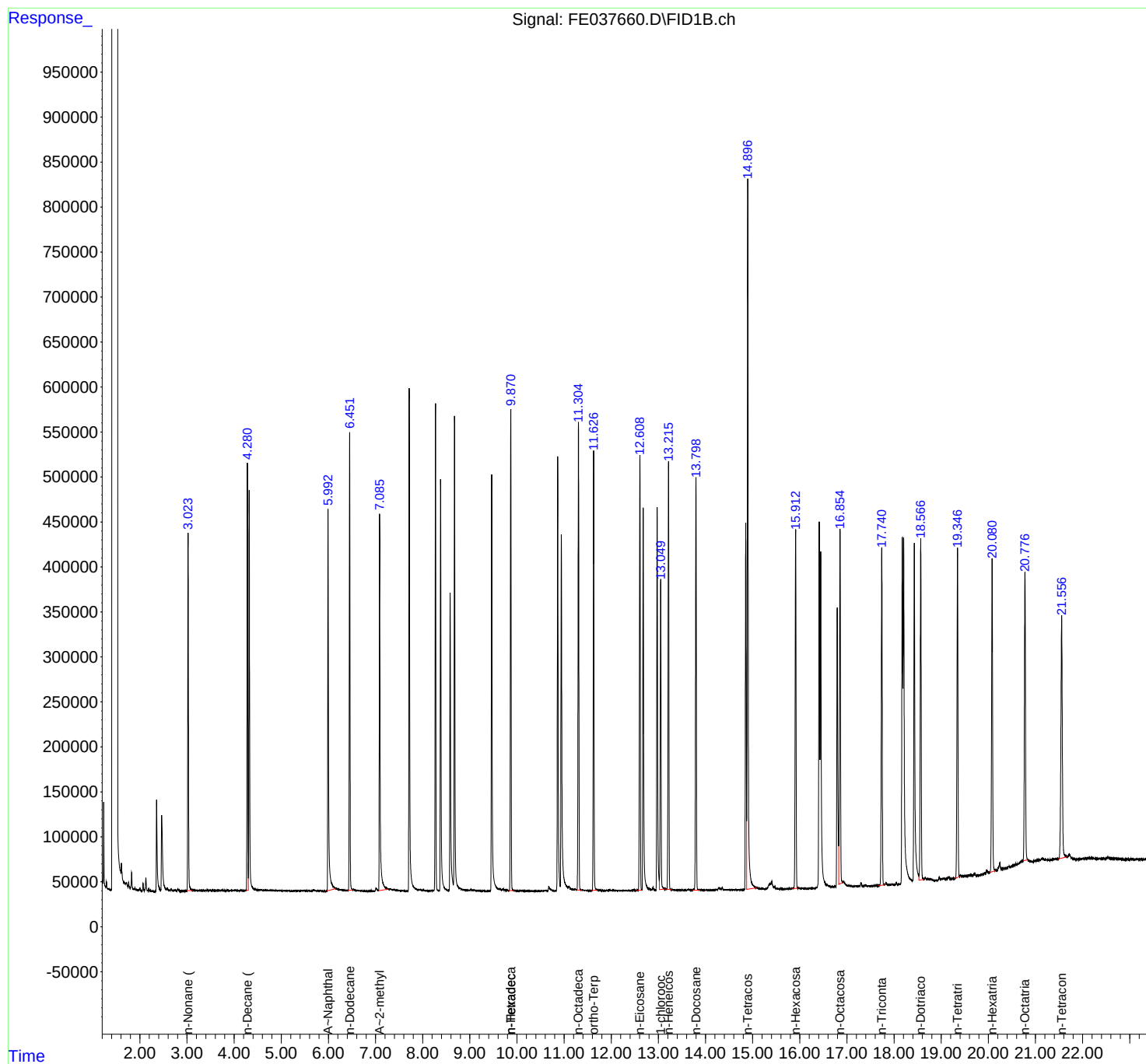
Instrument :
FID_E
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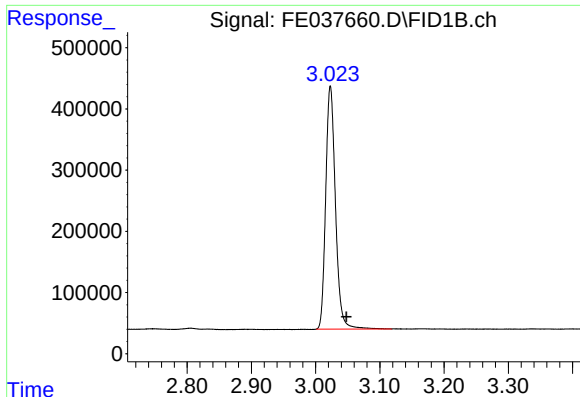
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.023 min
Delta R.T.: -0.025 min
Response: 4194292
Conc: 27.41 ug/ml

Instrument :

FID_E

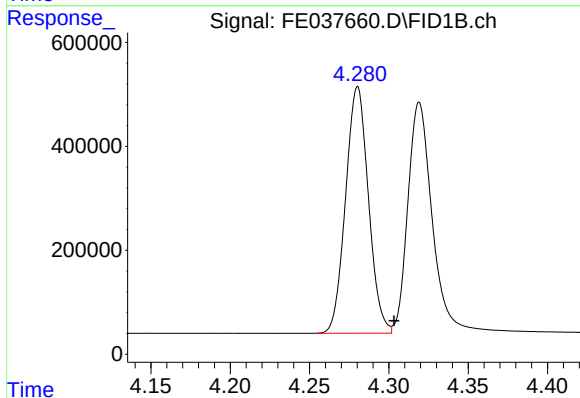
ClientSampleId :

SP-4MSD

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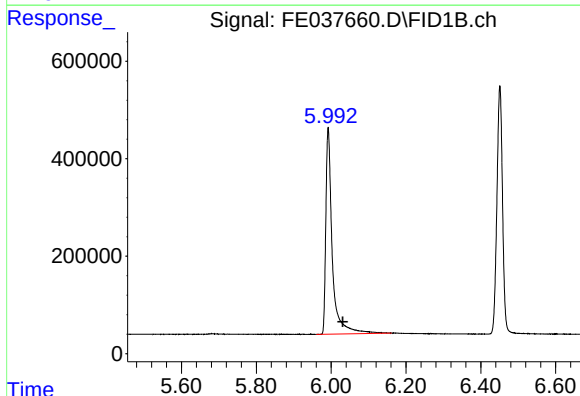
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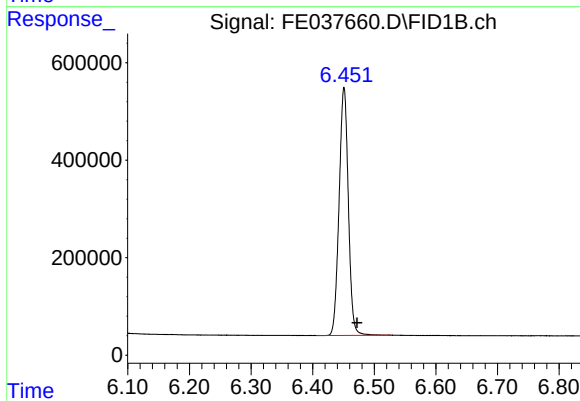
#2 n-Decane (C10)

R.T.: 4.280 min
Delta R.T.: -0.023 min
Response: 4765651
Conc: 30.91 ug/ml m



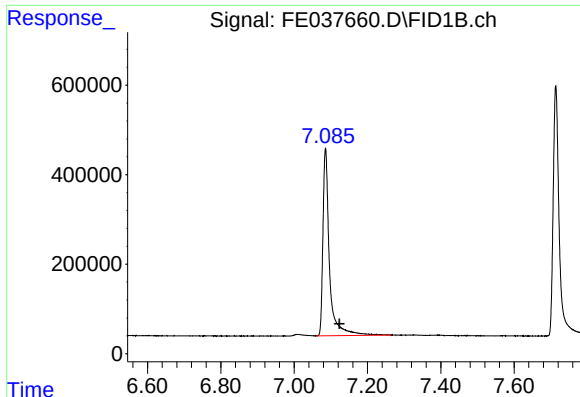
#3 A~Naphthalene (C11.7)

R.T.: 5.992 min
Delta R.T.: -0.038 min
Response: 5098714
Conc: 35.39 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.451 min
Delta R.T.: -0.021 min
Response: 5307574
Conc: 33.56 ug/ml



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

R.T.: 7.086 min
Delta R.T.: -0.038 min
Response: 5180228
Conc: 37.10 ug/ml

Instrument :

FID_E

ClientSampleId :

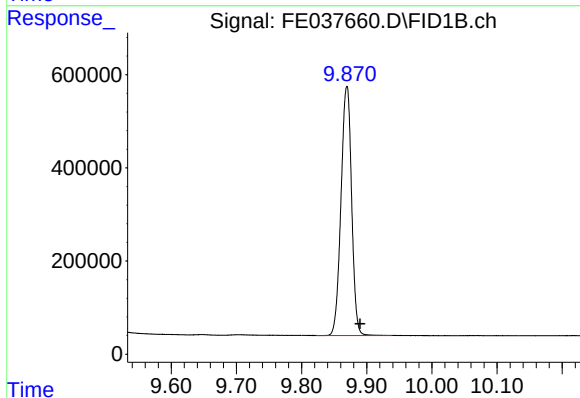
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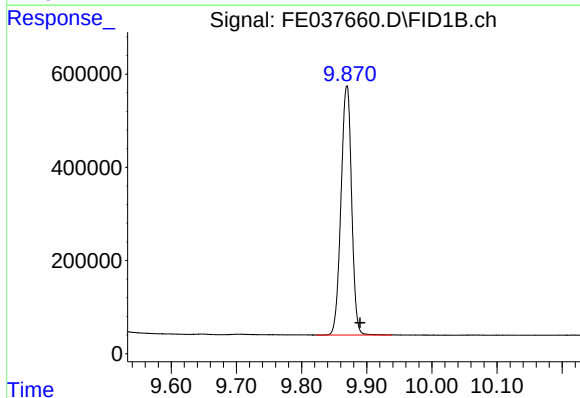
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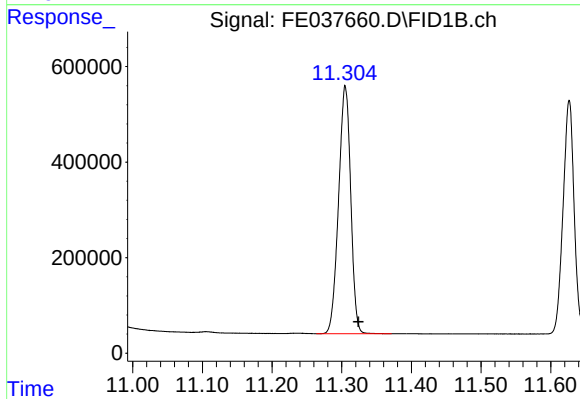
#6 n-Tetradecane (C14)

R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 6047014
Conc: 38.16 ug/ml



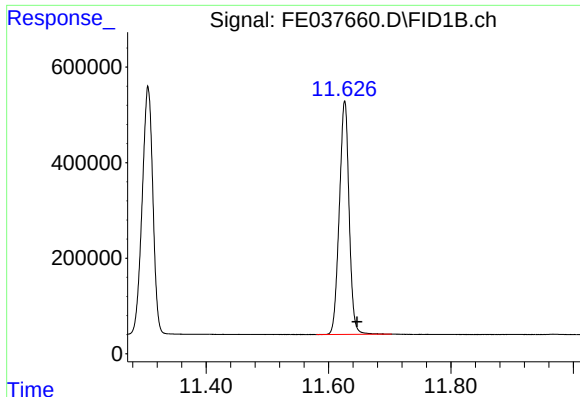
#7 n-Hexadecane (C16)

R.T.: 9.870 min
Delta R.T.: -0.020 min
Response: 6047014
Conc: 38.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.305 min
Delta R.T.: -0.019 min
Response: 6278280
Conc: 39.43 ug/ml



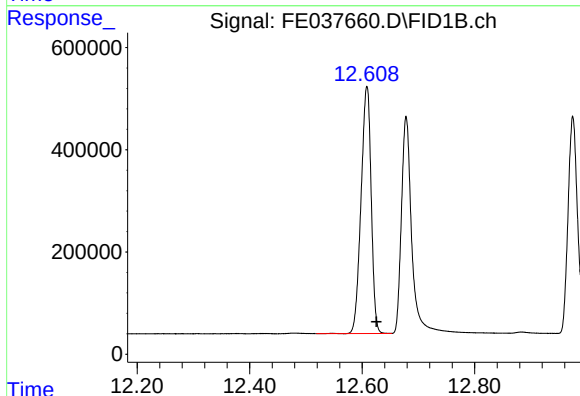
#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 5426453
Conc: 32.11 ug/ml

Instrument :
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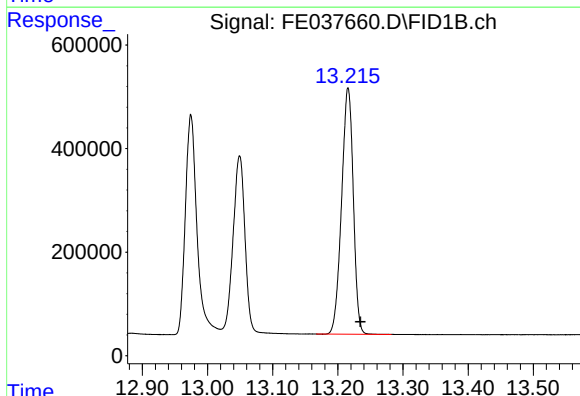
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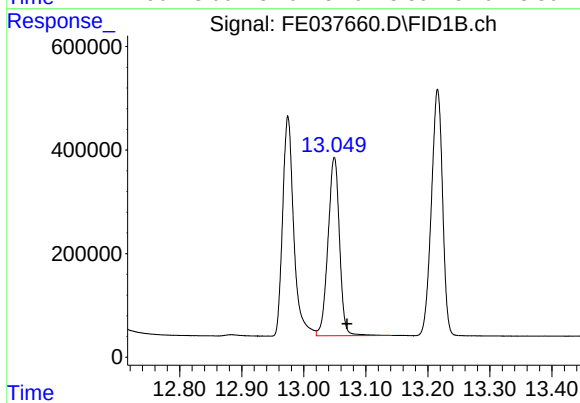
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.017 min
Response: 6042000
Conc: 38.19 ug/ml



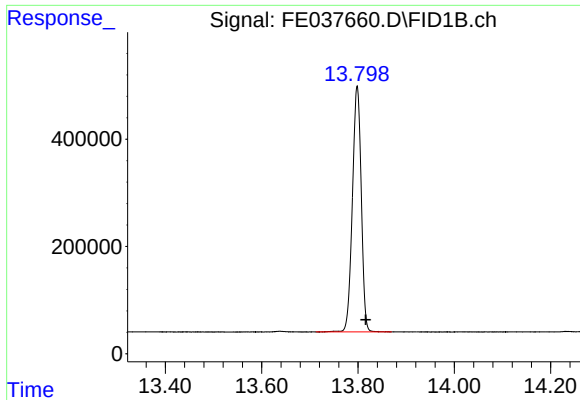
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.019 min
Response: 5944376
Conc: 37.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.020 min
Response: 4443423
Conc: 34.53 ug/ml



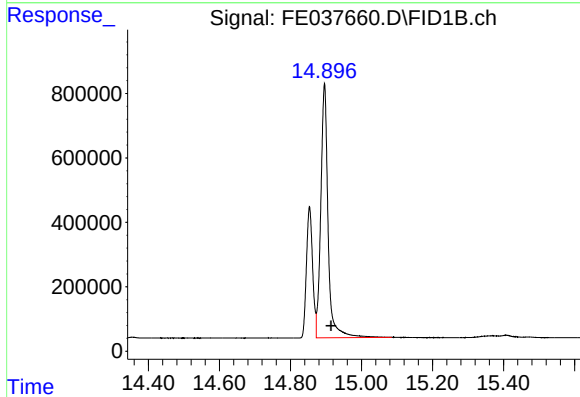
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: -0.018 min
Response: 5865092
Conc: 37.68 ug/ml

Instrument :
FID_E
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SP-4MSD

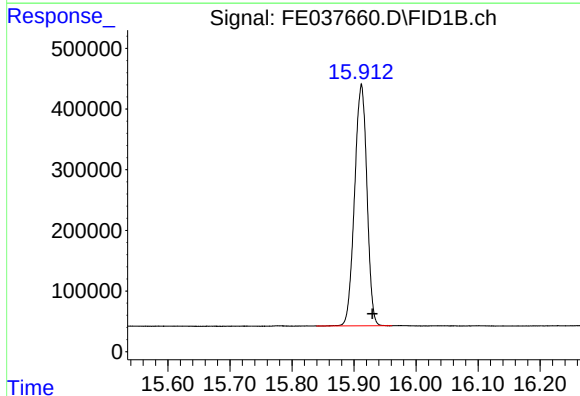
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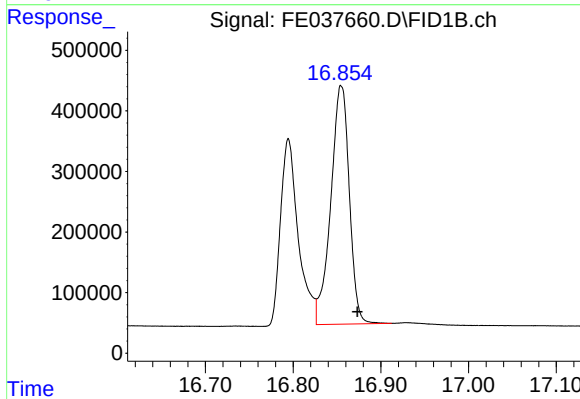
#14 n-Tetracosane (C24)

R.T.: 14.896 min
Delta R.T.: -0.019 min
Response: 11225607
Conc: 74.64 ug/ml



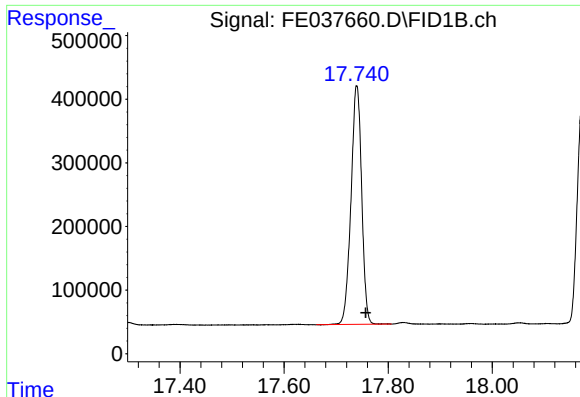
#15 n-Hexacosane (C26)

R.T.: 15.912 min
Delta R.T.: -0.017 min
Response: 5507963
Conc: 38.04 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.855 min
Delta R.T.: -0.019 min
Response: 5796617
Conc: 41.84 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.740 min
Delta R.T.: -0.017 min
Response: 5334949
Conc: 39.22 ug/ml

Instrument :

FID_E

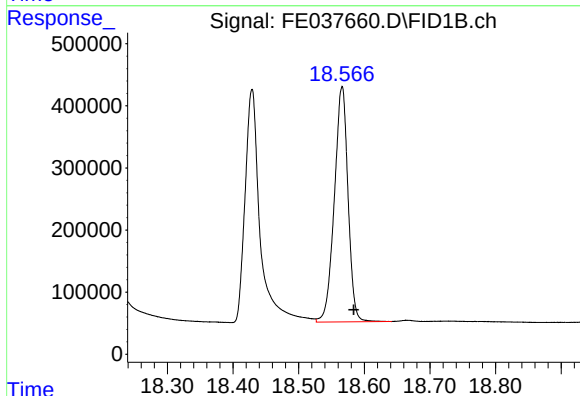
ClientSampleId :

SP-4MSD

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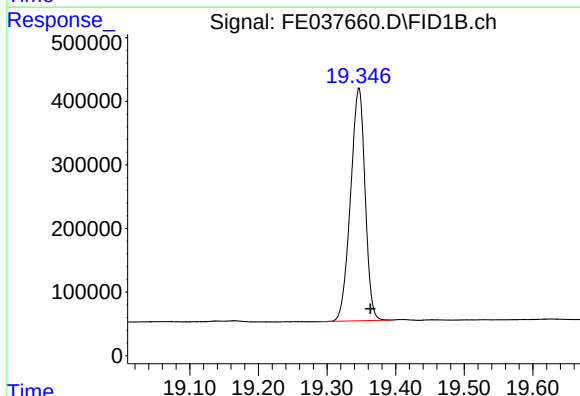
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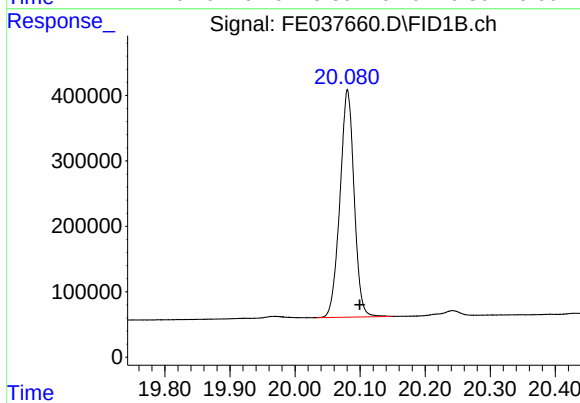
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.018 min
Response: 5494566
Conc: 41.15 ug/ml



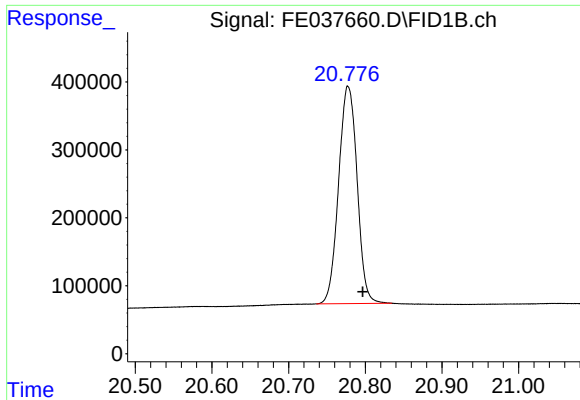
#19 n-Tetratriacontane (C34)

R.T.: 19.347 min
Delta R.T.: -0.017 min
Response: 5393400
Conc: 42.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.080 min
Delta R.T.: -0.019 min
Response: 5265182
Conc: 40.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.776 min
Delta R.T.: -0.020 min
Response: 5369159
Conc: 43.14 ug/ml

Instrument :

FID_E

ClientSampleId :

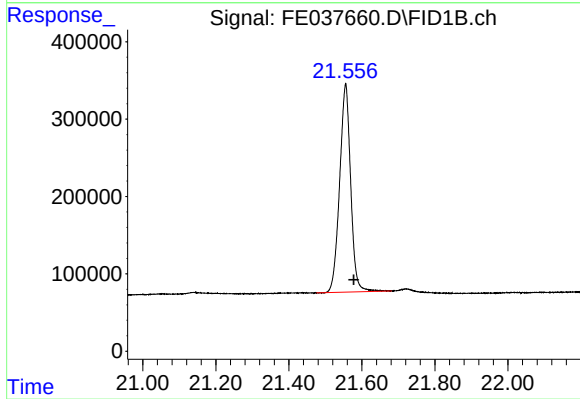
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#22 n-Tetracontane (C40)

R.T.: 21.556 min
Delta R.T.: -0.023 min
Response: 5639623
Conc: 43.75 ug/ml