

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036402.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2022 01:23
 Operator : YP\AJ
 Sample : PB146044BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146044BS

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Jul 07 04:03:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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)	11.873	8352794	41.807 ug/ml
Spiked Amount 50.000		Recovery =	83.61%
12) S 1-chlorooctadecane (S...	13.310	6785986	43.832 ug/ml
Spiked Amount 50.000		Recovery =	87.66%
Target Compounds			
1) T n-Nonane (C9)	3.274	7013982	38.997 ug/ml
2) T n-Decane (C10)	4.523	7255021	40.360 ug/ml
3) T A~Naphthalene (C11.7)	6.219	8506911	42.400 ug/ml
4) T n-Dodecane (C12)	6.685	7931514	42.821 ug/ml
5) T A~2-methylnaphthalene...	7.315	8565892	42.078 ug/ml
6) T n-Tetradecane (C14)	8.511	8478001	45.348 ug/ml
7) T n-Hexadecane (C16)	10.118	8859481	47.308 ug/ml
8) T n-Octadecane (C18)	11.559	9117892	49.010 ug/ml
10) T n-Eicosane (C20)	12.867	8700305	48.025 ug/ml
11) T n-Heneicosane (C21)	13.478	8527254	47.472 ug/ml
13) T n-Docosane (C22)	14.064	8376474	47.378 ug/ml
14) T n-Tetracosane (C24)	15.165	6279097	36.661 ug/ml
15) T n-Hexacosane (C26)	16.188	7847405	47.497 ug/ml
16) T n-Octacosane (C28)	17.135	7681269	47.986 ug/ml
17) T n-Tricontane (C30)	18.025	7518900	48.565 ug/ml
18) T n-Dotriacontane (C32)	18.855	7434008	50.870 ug/ml
19) T n-Tetratriacontane (C34)	19.639	7460844	53.915 ug/ml
20) T n-Hexatriacontane (C36)	20.379	7219948	53.781 ug/ml
21) T n-Octatriacontane (C38)	21.106	7183814	54.018 ug/mlm
22) T n-Tetracontane (C40)	22.004	7451366	53.290 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

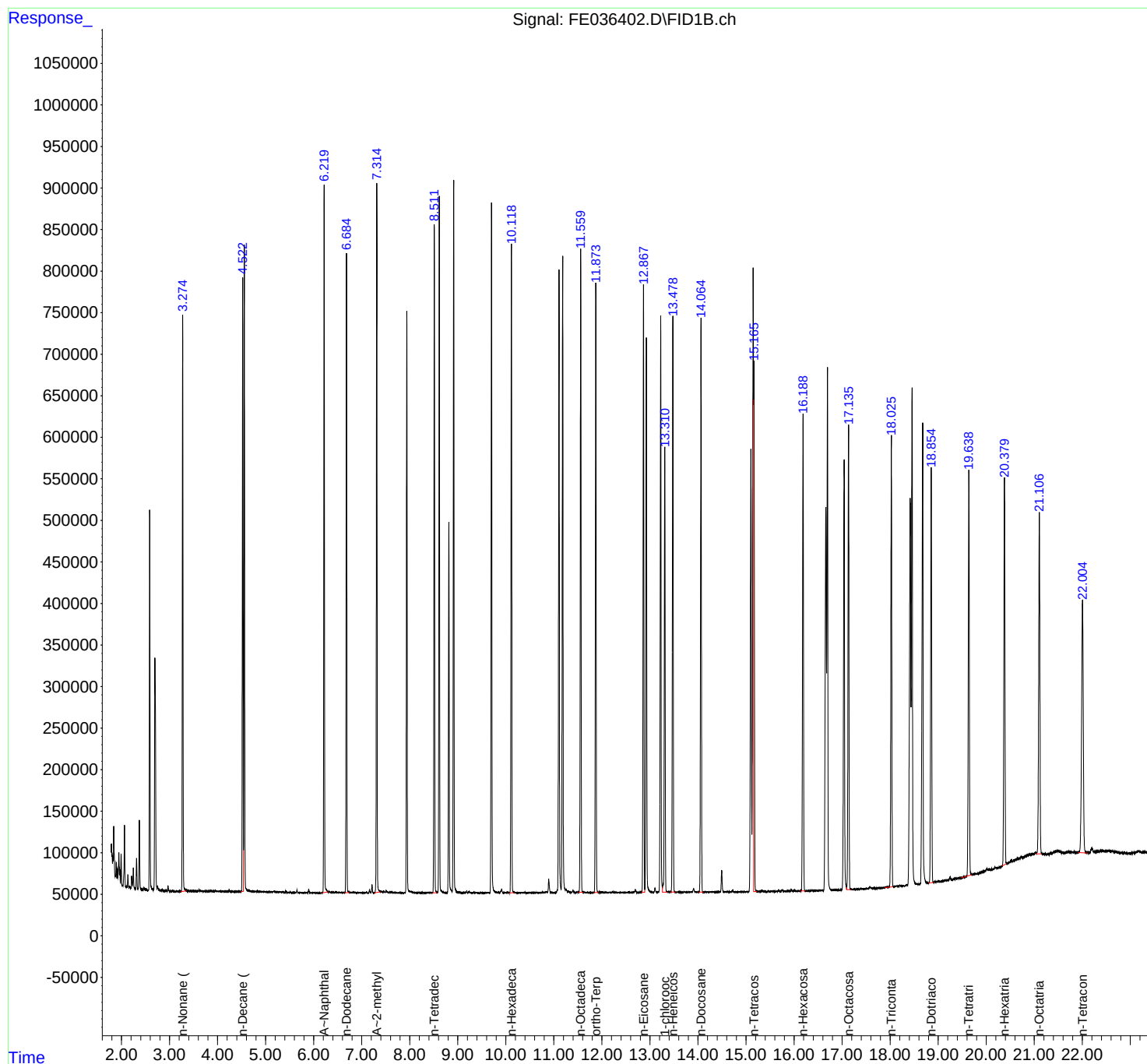
Instrument :
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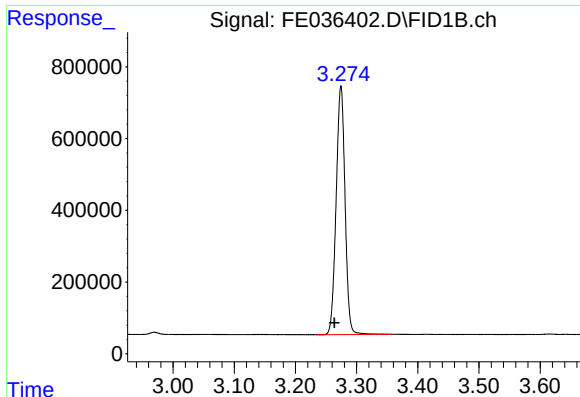
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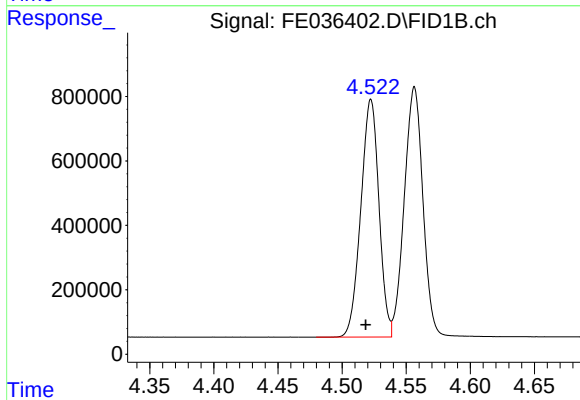
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.010 min
Response: 7013982
Conc: 39.00 ug/ml

Instrument :
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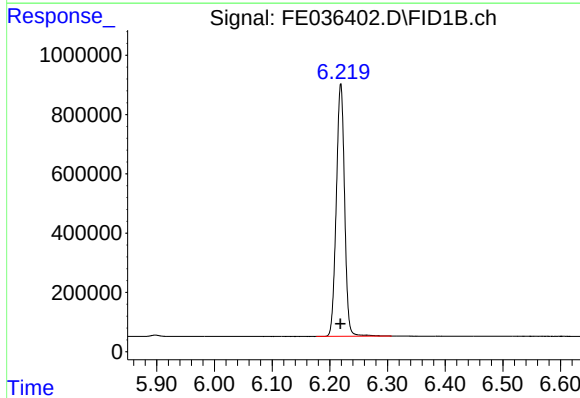
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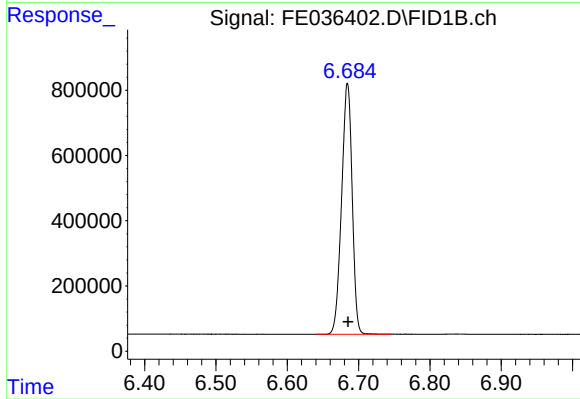
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: 0.004 min
Response: 7255021
Conc: 40.36 ug/ml



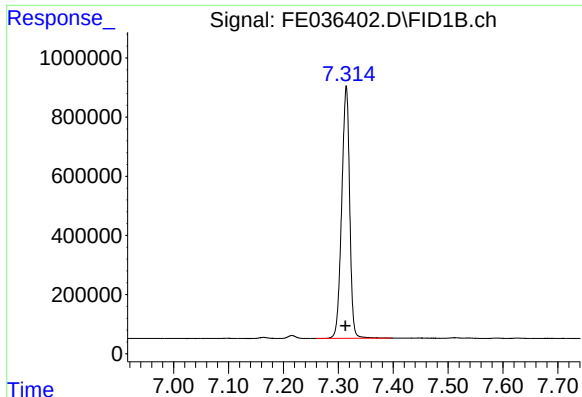
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 8506911
Conc: 42.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 7931514
Conc: 42.82 ug/ml



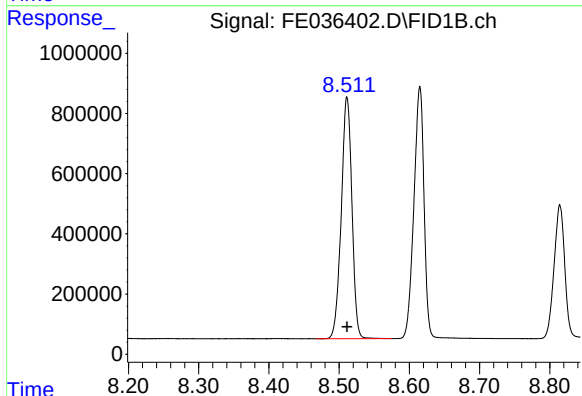
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 8565892
Conc: 42.08 ug/ml

Instrument :
FID_E
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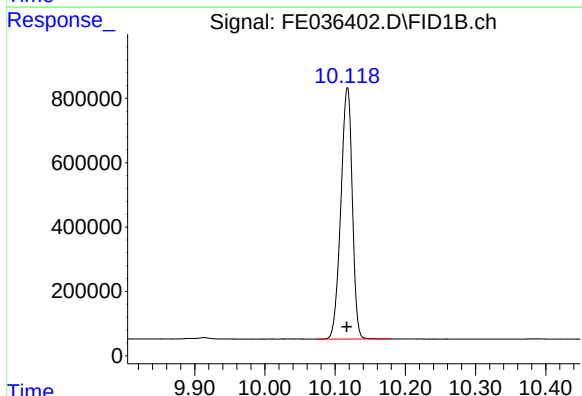
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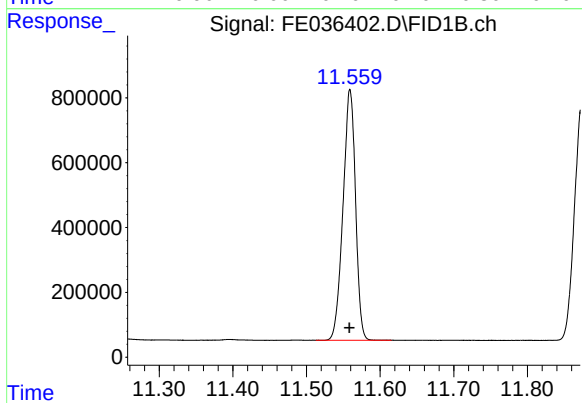
#6 n-Tetradecane (C14)

R.T.: 8.511 min
Delta R.T.: 0.000 min
Response: 8478001
Conc: 45.35 ug/ml



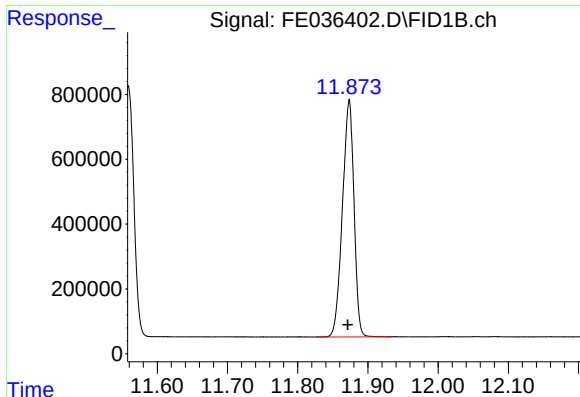
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 8859481
Conc: 47.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 9117892
Conc: 49.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: 0.002 min
Response: 8352794
Conc: 41.81 ug/ml

Instrument :

FID_E

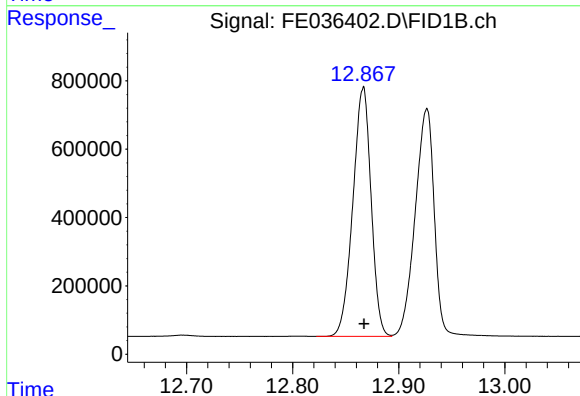
ClientSampleId :

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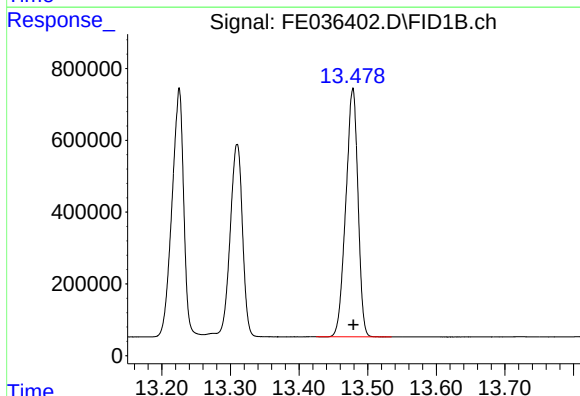
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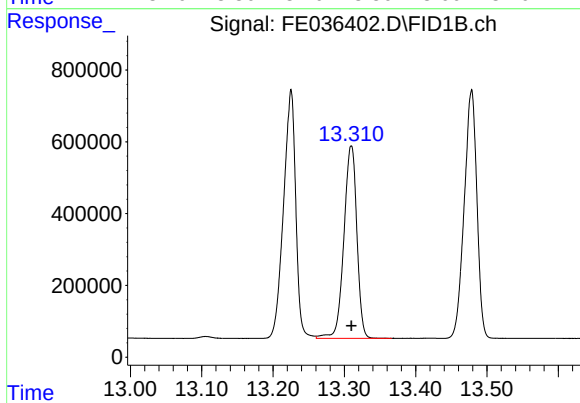
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 8700305
Conc: 48.02 ug/ml



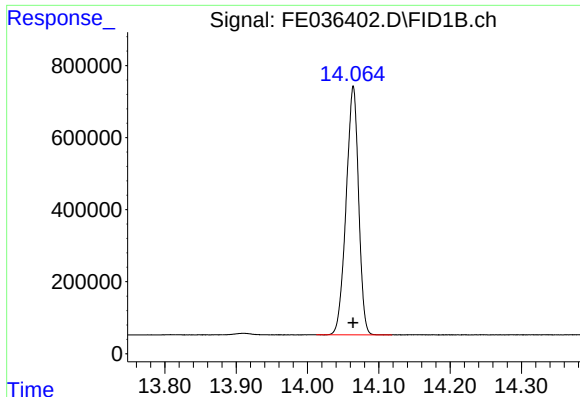
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: 0.000 min
Response: 8527254
Conc: 47.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 6785986
Conc: 43.83 ug/ml



#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.000 min
Response: 8376474
Conc: 47.38 ug/ml

Instrument :

FID_E

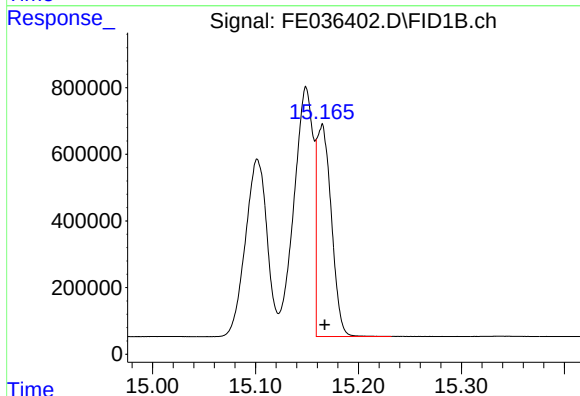
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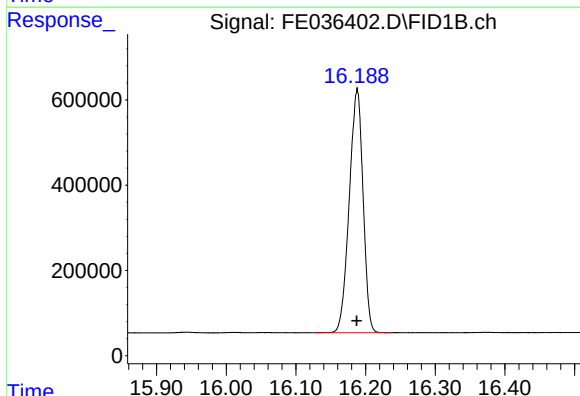
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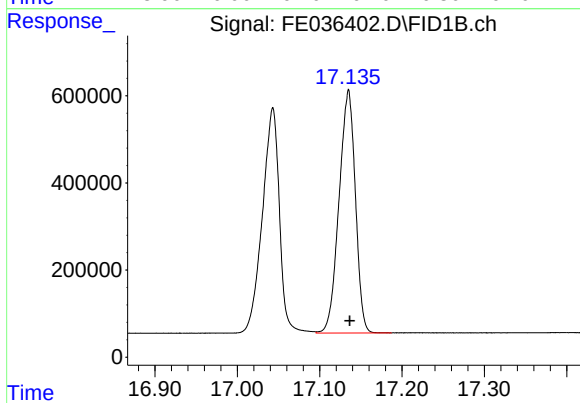
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 6279097
Conc: 36.66 ug/ml



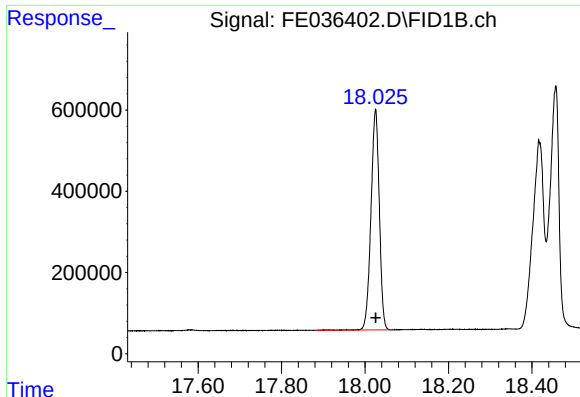
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.000 min
Response: 7847405
Conc: 47.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.002 min
Response: 7681269
Conc: 47.99 ug/ml



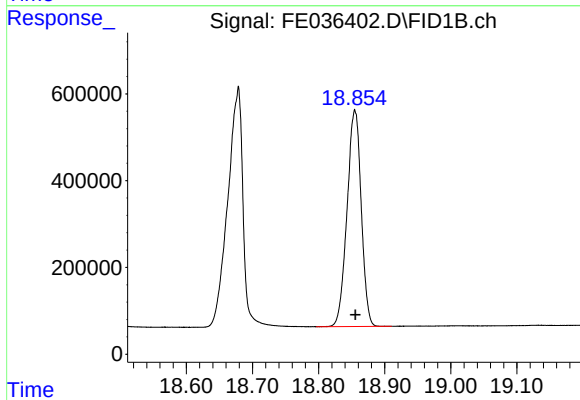
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.000 min
Response: 7518900
Conc: 48.57 ug/ml

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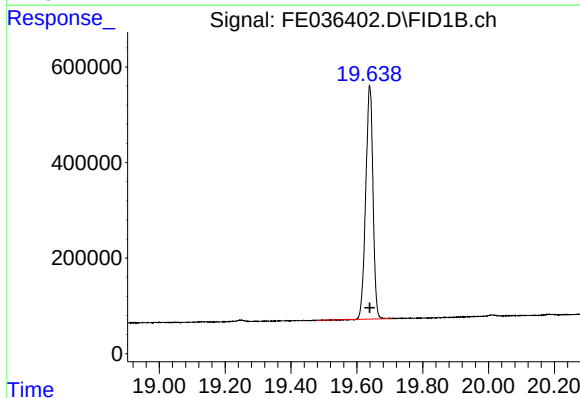
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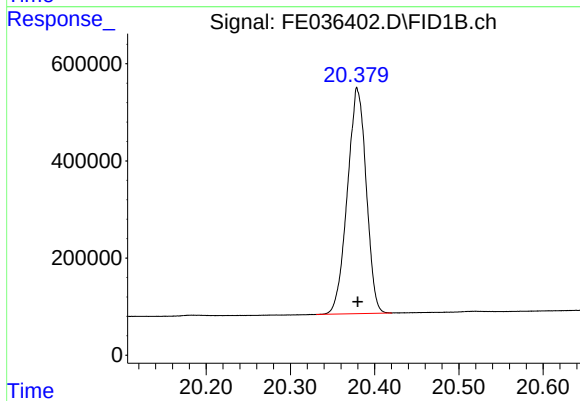
#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: 0.000 min
Response: 7434008
Conc: 50.87 ug/ml



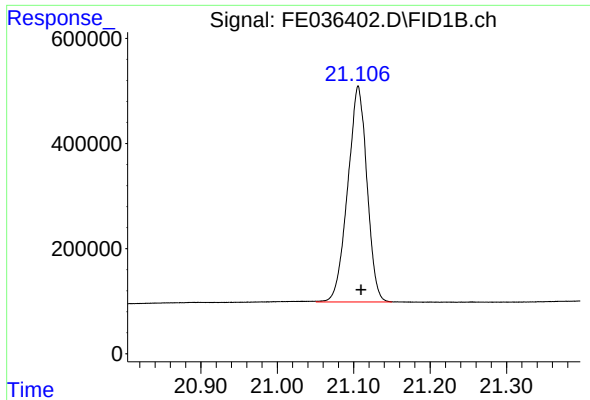
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 7460844
Conc: 53.91 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: 0.000 min
Response: 7219948
Conc: 53.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.004 min
Response: 7183814
Conc: 54.02 ug/ml

Instrument :

FID_E

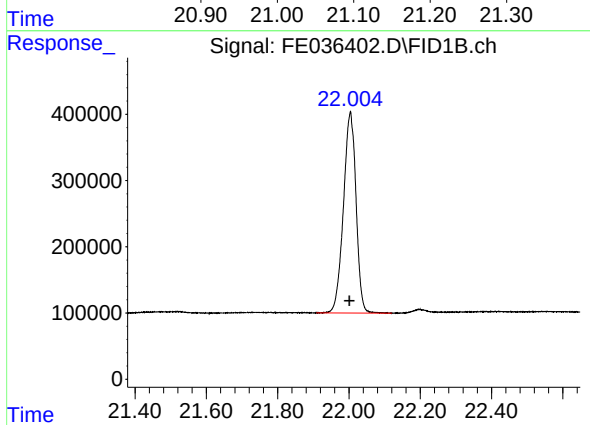
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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: 0.003 min
Response: 7451366
Conc: 53.29 ug/ml