

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036403.D
 Signal(s) : FID1B.ch
 Acq On : 07 Jul 2022 01:54
 Operator : YP\AJ
 Sample : PB146044BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146044BSD

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 04:03:35 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	7796761	39.024 ug/ml
Spiked Amount 50.000		Recovery =	78.05%
12) S 1-chlorooctadecane (S...	13.310	6334000	40.913 ug/ml
Spiked Amount 50.000		Recovery =	81.83%
Target Compounds			
1) T n-Nonane (C9)	3.274	6553482	36.436 ug/ml
2) T n-Decane (C10)	4.522	6765103	37.634 ug/ml
3) T A~Naphthalene (C11.7)	6.219	7950198	39.625 ug/ml
4) T n-Dodecane (C12)	6.684	7403417	39.970 ug/ml
5) T A~2-methylnaphthalene...	7.314	8003358	39.315 ug/ml
6) T n-Tetradecane (C14)	8.512	7920433	42.366 ug/ml
7) T n-Hexadecane (C16)	10.117	8274481	44.184 ug/ml
8) T n-Octadecane (C18)	11.560	8516843	45.779 ug/ml
10) T n-Eicosane (C20)	12.867	8126665	44.859 ug/ml
11) T n-Heneicosane (C21)	13.478	7963166	44.331 ug/ml
13) T n-Docosane (C22)	14.063	7816365	44.210 ug/ml
14) T n-Tetracosane (C24)	15.165	5833968	34.062 ug/ml
15) T n-Hexacosane (C26)	16.189	7310860	44.249 ug/ml
16) T n-Octacosane (C28)	17.136	7160742	44.734 ug/ml
17) T n-Tricontane (C30)	18.026	6990068	45.149 ug/ml
18) T n-Dotriacontane (C32)	18.857	6935449	47.459 ug/ml
19) T n-Tetratriacontane (C34)	19.639	6989627	50.510 ug/ml
20) T n-Hexatriacontane (C36)	20.379	6816570	50.776 ug/ml
21) T n-Octatriacontane (C38)	21.104	6677188	50.208 ug/mlm
22) T n-Tetracontane (C40)	22.001	6897773	49.331 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

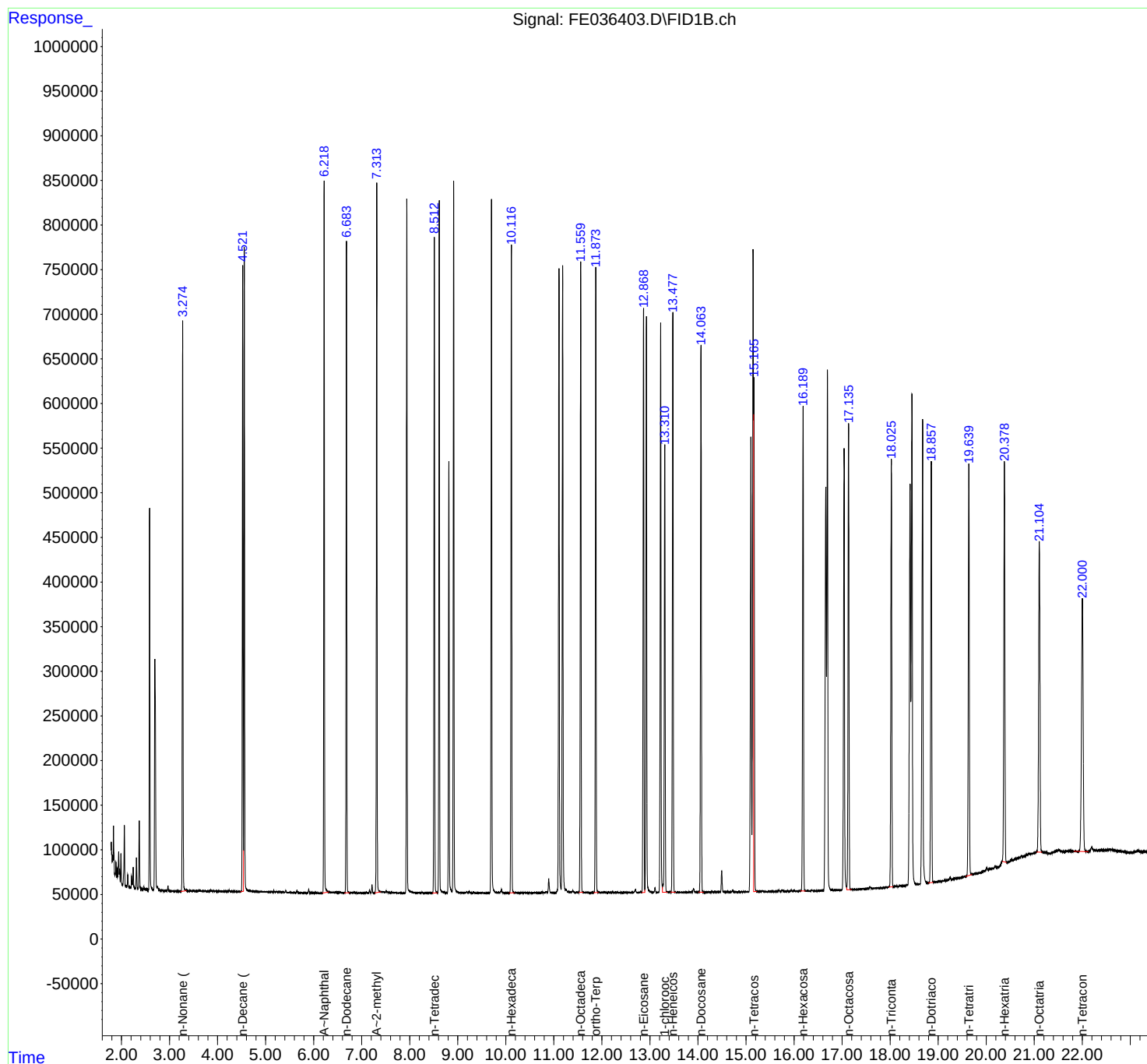
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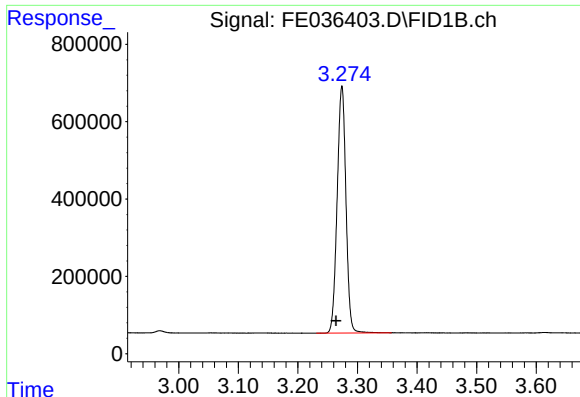
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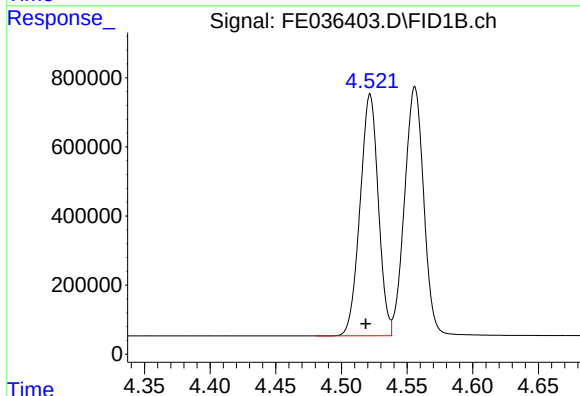
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.010 min
Response: 6553482
Conc: 36.44 ug/ml

Instrument :
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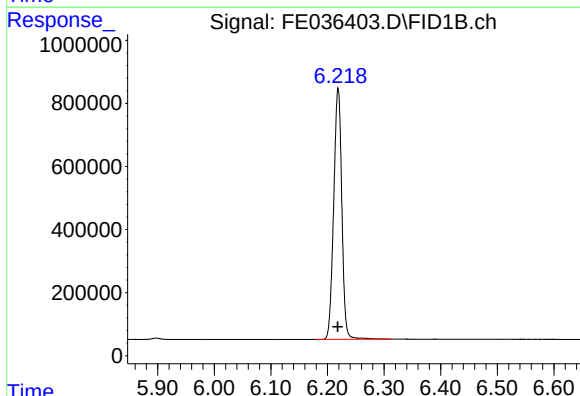
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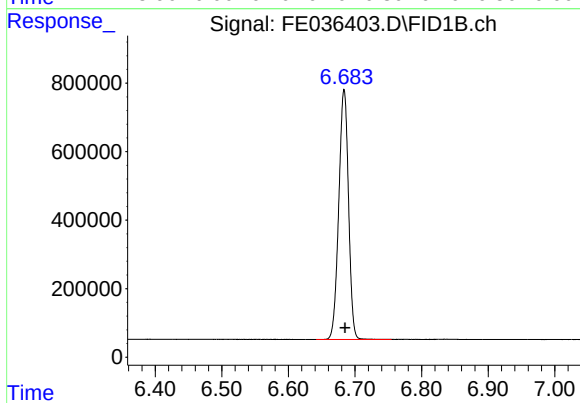
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.003 min
Response: 6765103
Conc: 37.63 ug/ml



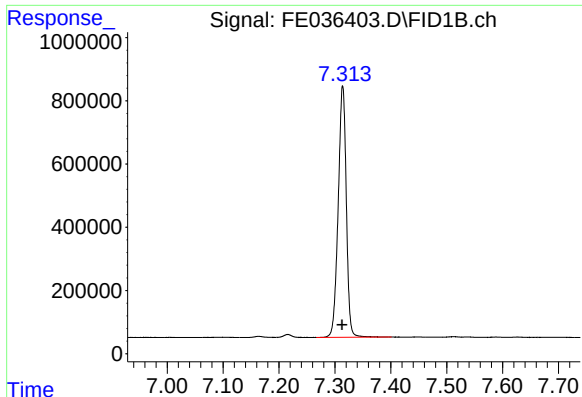
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 7950198
Conc: 39.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 7403417
Conc: 39.97 ug/ml



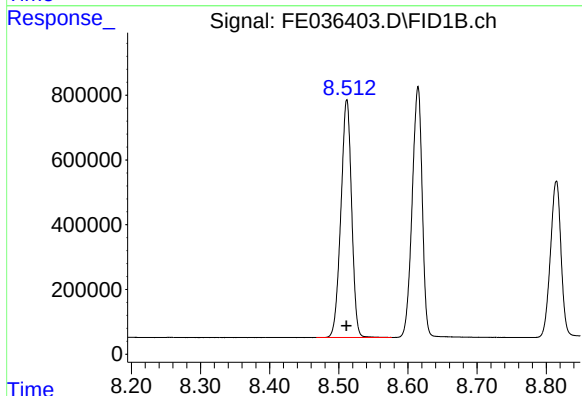
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 8003358
Conc: 39.31 ug/ml

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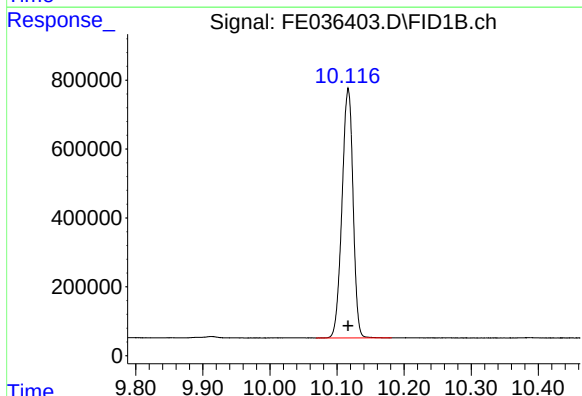
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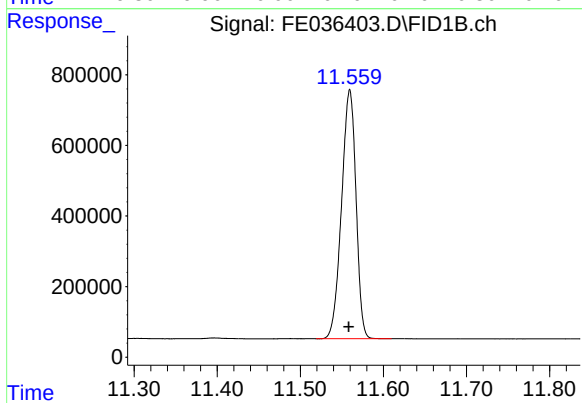
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.000 min
Response: 7920433
Conc: 42.37 ug/ml



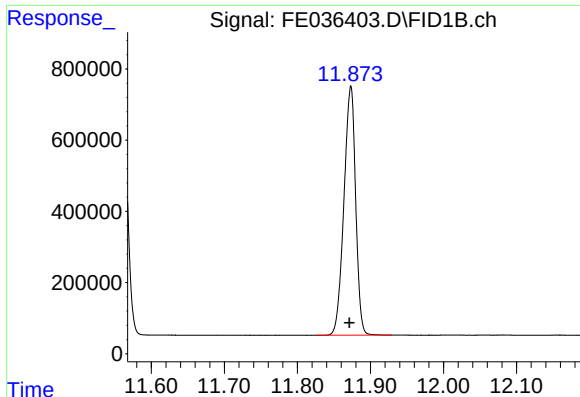
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 8274481
Conc: 44.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.001 min
Response: 8516843
Conc: 45.78 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: 0.002 min
Response: 7796761
Conc: 39.02 ug/ml

Instrument :

FID_E

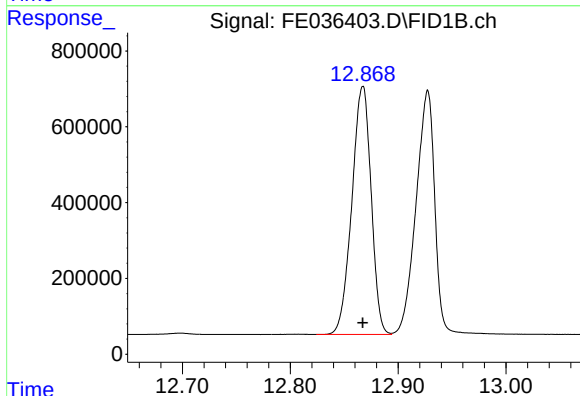
ClientSampleId :

PB146044BSD

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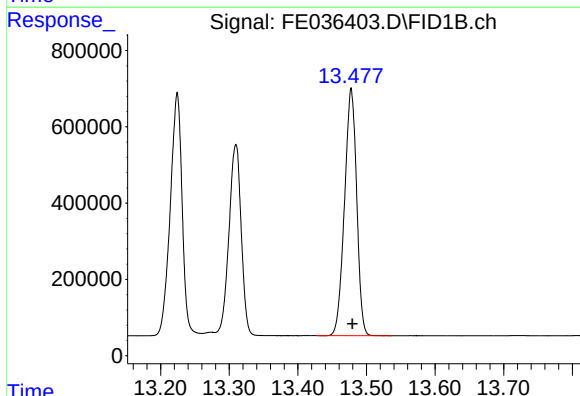
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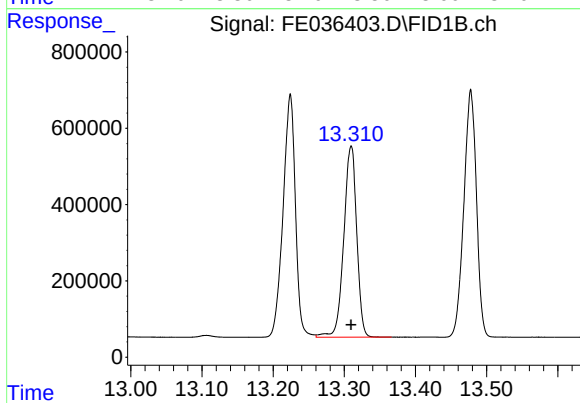
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 8126665
Conc: 44.86 ug/ml



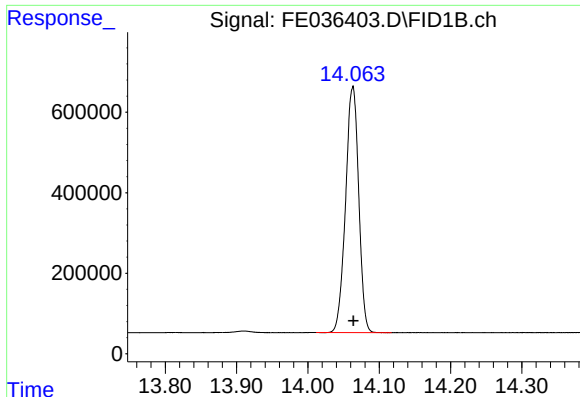
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.002 min
Response: 7963166
Conc: 44.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 6334000
Conc: 40.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: 0.000 min
Response: 7816365
Conc: 44.21 ug/ml

Instrument :

FID_E

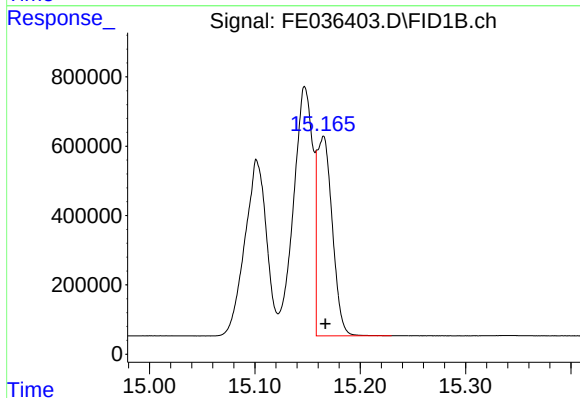
ClientSampleId :

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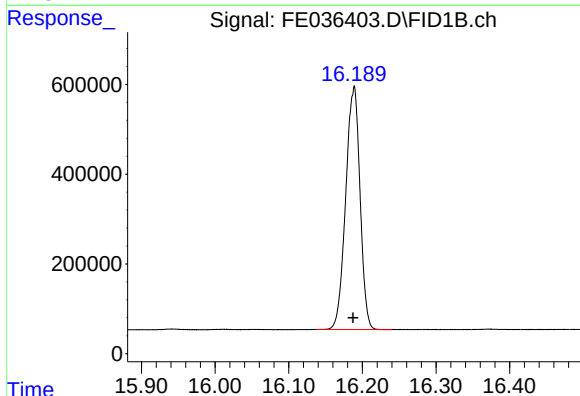
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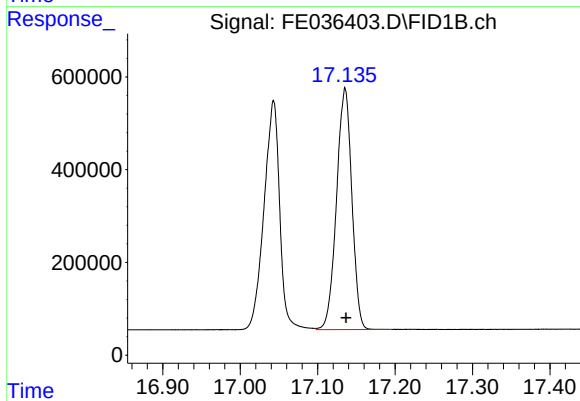
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 5833968
Conc: 34.06 ug/ml



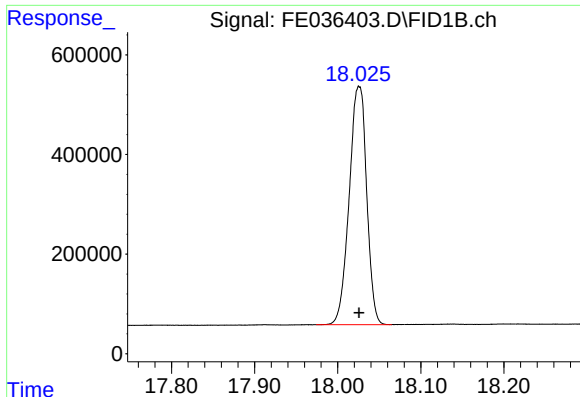
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.002 min
Response: 7310860
Conc: 44.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.001 min
Response: 7160742
Conc: 44.73 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: 0.000 min
Response: 6990068
Conc: 45.15 ug/ml

Instrument :

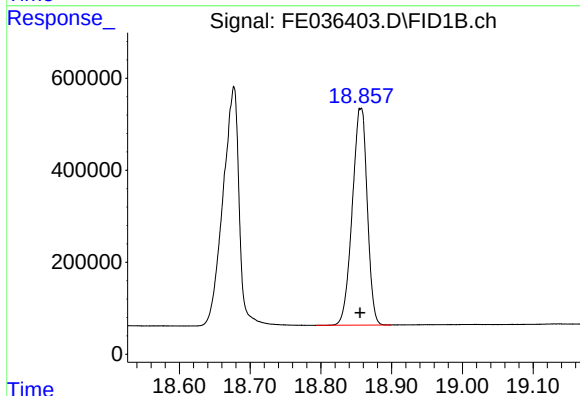
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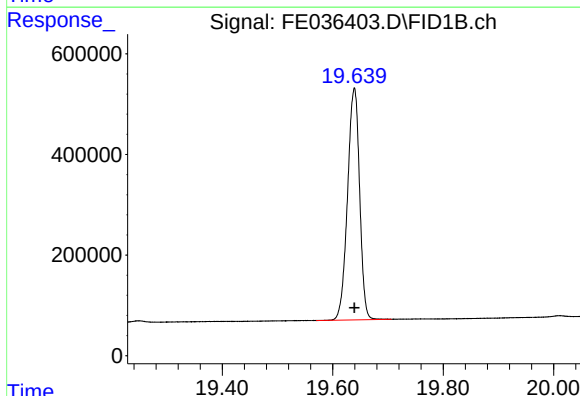
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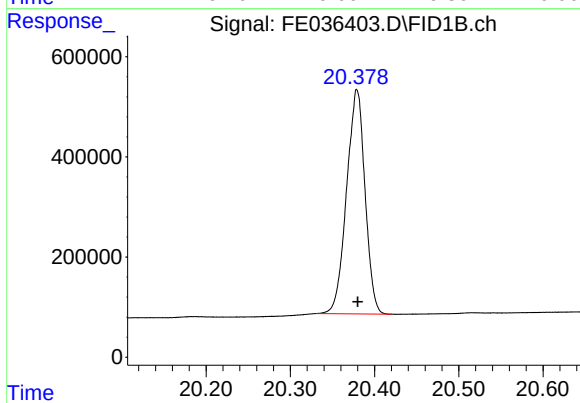
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 6935449
Conc: 47.46 ug/ml



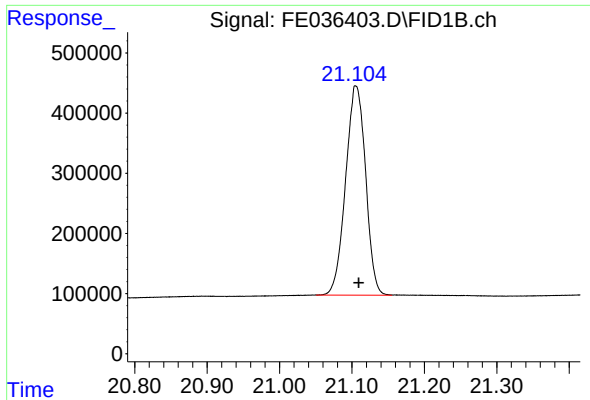
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 6989627
Conc: 50.51 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: 0.000 min
Response: 6816570
Conc: 50.78 ug/ml



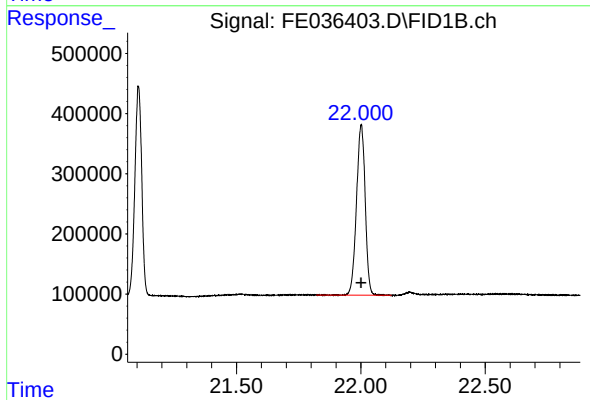
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.006 min
Response: 6677188
Conc: 50.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.000 min
Response: 6897773
Conc: 49.33 ug/ml