

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036385.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 16:10
 Operator : YP\AJ
 Sample : PB146043BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146043BS

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 04:00:02 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	8062434	40.354 ug/ml
Spiked Amount 50.000		Recovery =	80.71%
12) S 1-chlorooctadecane (S...	13.310	6362112	41.094 ug/ml
Spiked Amount 50.000		Recovery =	82.19%
Target Compounds			
1) T n-Nonane (C9)	3.288	8894051	49.450 ug/ml
2) T n-Decane (C10)	4.529	8998858	50.061 ug/ml
3) T A~Naphthalene (C11.7)	6.222	9923080	49.458 ug/ml
4) T n-Dodecane (C12)	6.686	9236421	49.866 ug/ml
5) T A~2-methylnaphthalene...	7.316	9623363	47.273 ug/ml
6) T n-Tetradecane (C14)	8.513	9169182	49.045 ug/ml
7) T n-Hexadecane (C16)	10.118	8995200	48.033 ug/ml
8) T n-Octadecane (C18)	11.560	9040521	48.594 ug/ml
10) T n-Eicosane (C20)	12.867	8568538	47.298 ug/ml
11) T n-Heneicosane (C21)	13.478	8395928	46.740 ug/ml
13) T n-Docosane (C22)	14.065	8252677	46.678 ug/ml
14) T n-Tetracosane (C24)	15.166	5874816	34.300 ug/ml
15) T n-Hexacosane (C26)	16.189	7856220	47.550 ug/ml
16) T n-Octacosane (C28)	17.137	7790060	48.665 ug/ml
17) T n-Tricontane (C30)	18.029	7706791	49.779 ug/ml
18) T n-Dotriacontane (C32)	18.859	7677146	52.534 ug/ml
19) T n-Tetratriacontane (C34)	19.640	7750011	56.004 ug/ml
20) T n-Hexatriacontane (C36)	20.382	7285254	54.267 ug/ml
21) T n-Octatriacontane (C38)	21.110	7059656	53.084 ug/mlm
22) T n-Tetracontane (C40)	22.004	7336455	52.468 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146043BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

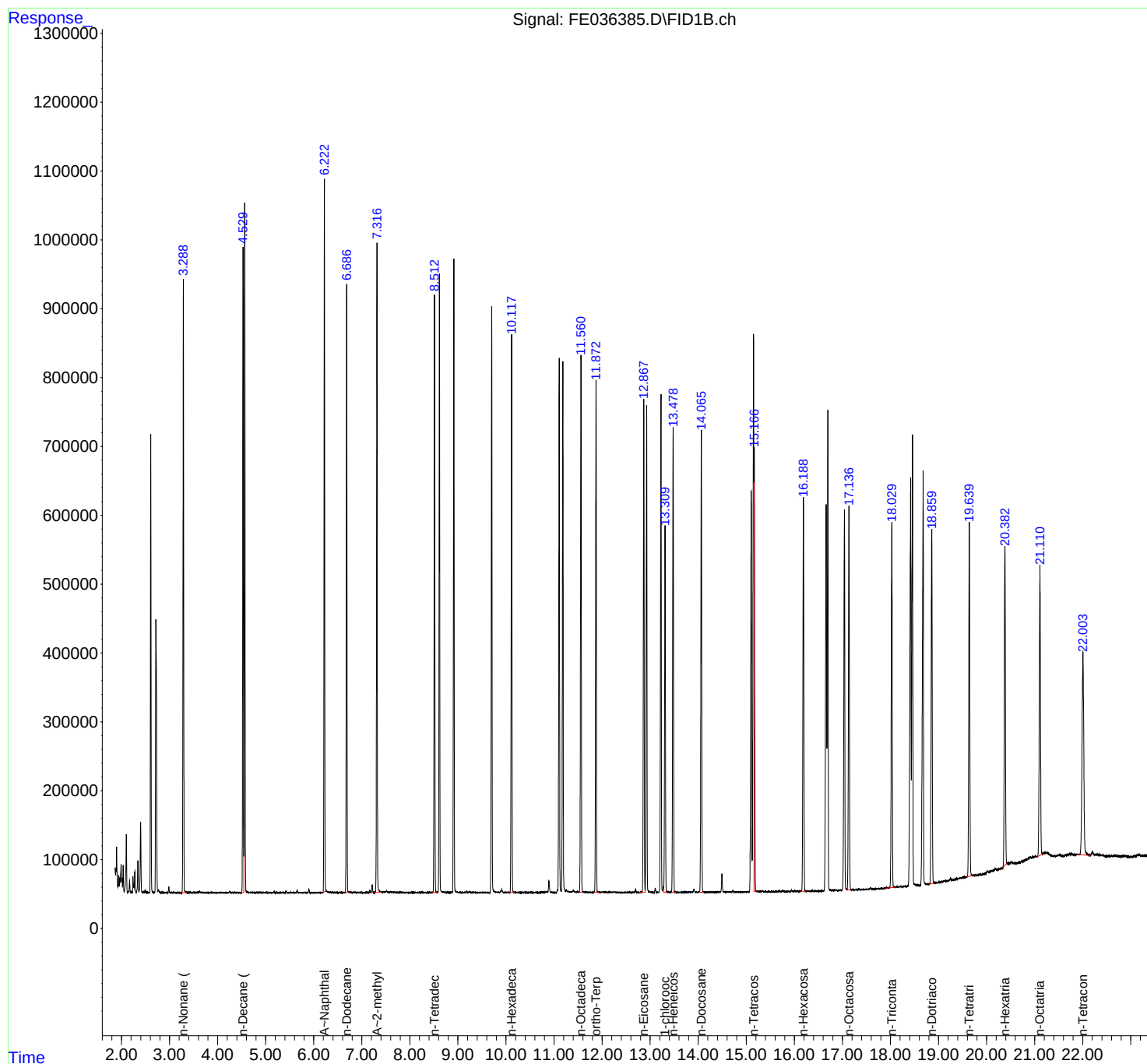
Instrument :
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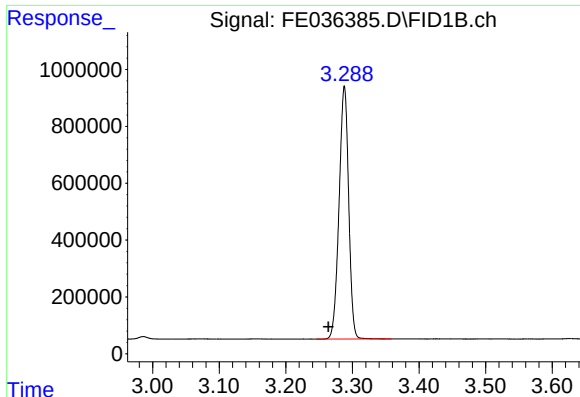
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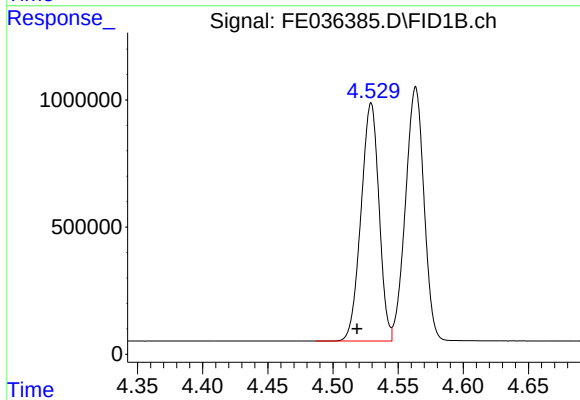
#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: 0.024 min
Response: 8894051
Conc: 49.45 ug/ml

Instrument :
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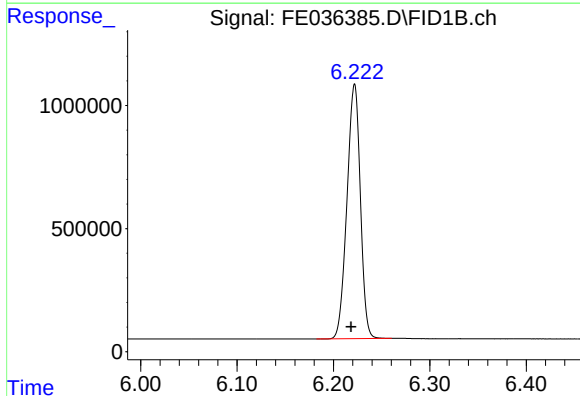
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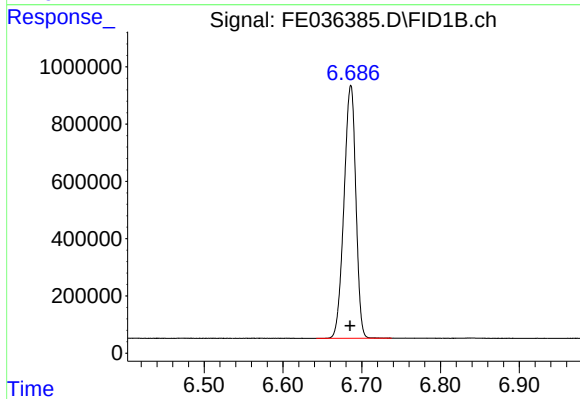
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.011 min
Response: 8998858
Conc: 50.06 ug/ml



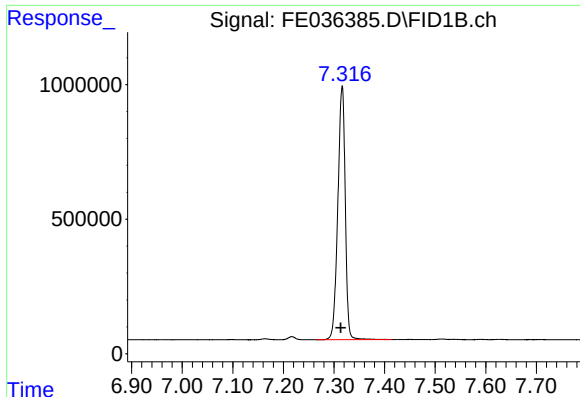
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.004 min
Response: 9923080
Conc: 49.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 9236421
Conc: 49.87 ug/ml



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

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 9623363
Conc: 47.27 ug/ml

Instrument :

FID_E

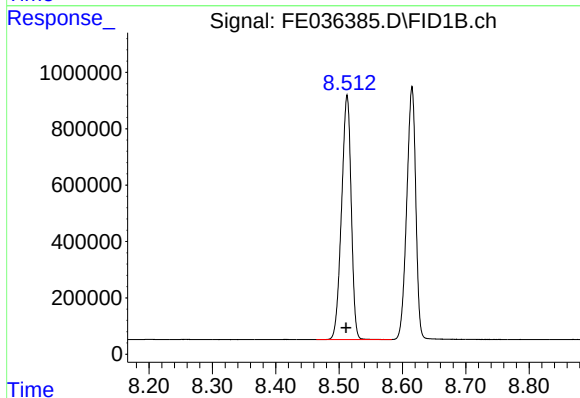
ClientSampleId :

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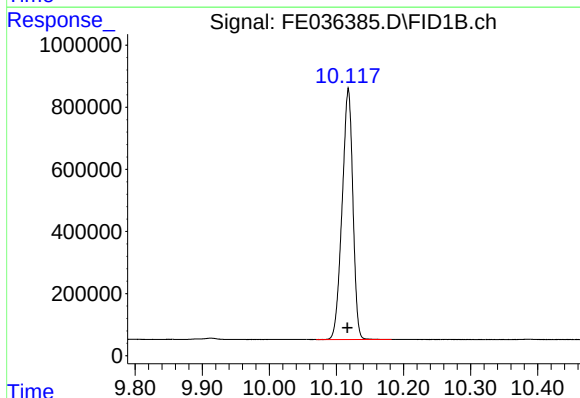
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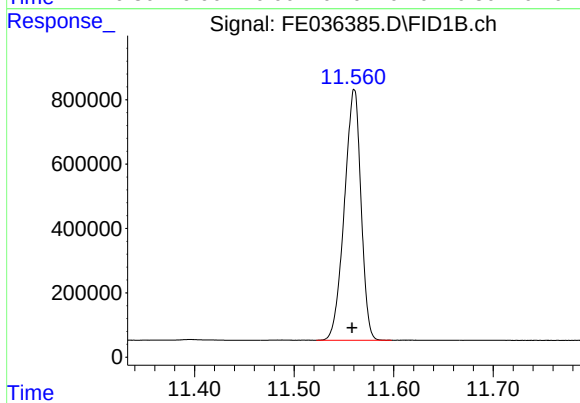
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 9169182
Conc: 49.05 ug/ml



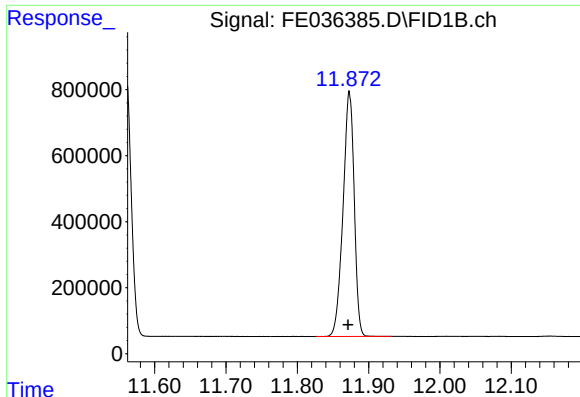
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 8995200
Conc: 48.03 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 9040521
Conc: 48.59 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: 0.002 min
Response: 8062434
Conc: 40.35 ug/ml

Instrument :

FID_E

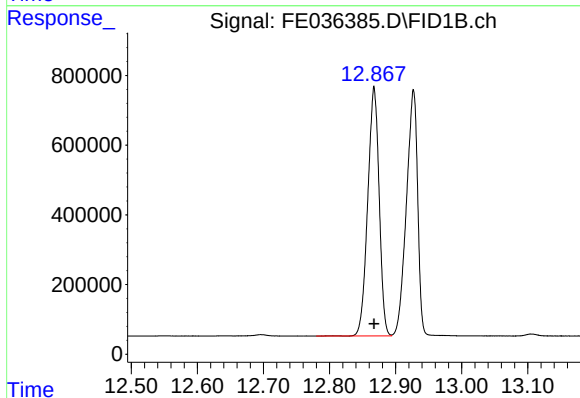
ClientSampleId :

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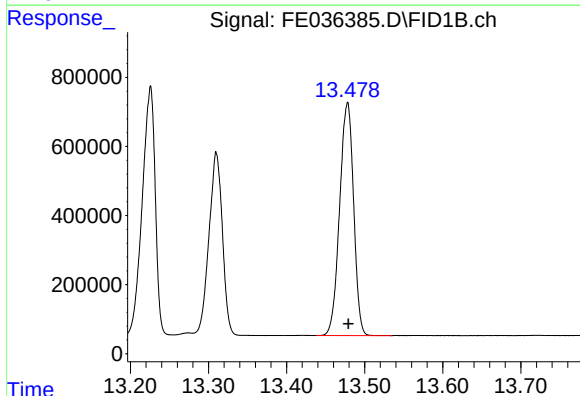
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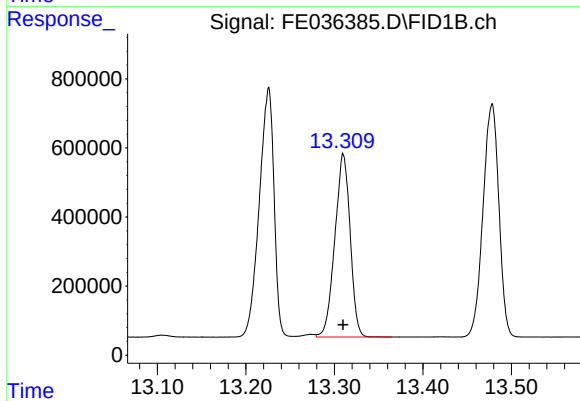
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 8568538
Conc: 47.30 ug/ml



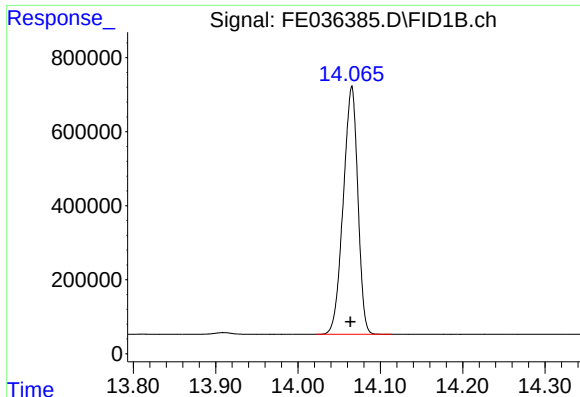
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.001 min
Response: 8395928
Conc: 46.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 6362112
Conc: 41.09 ug/ml



#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: 0.001 min
Response: 8252677
Conc: 46.68 ug/ml

Instrument :

FID_E

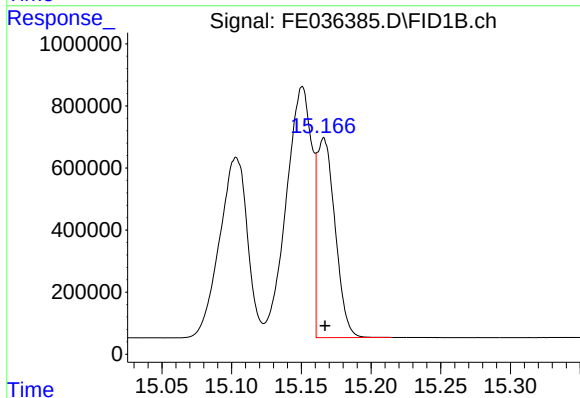
ClientSampleId :

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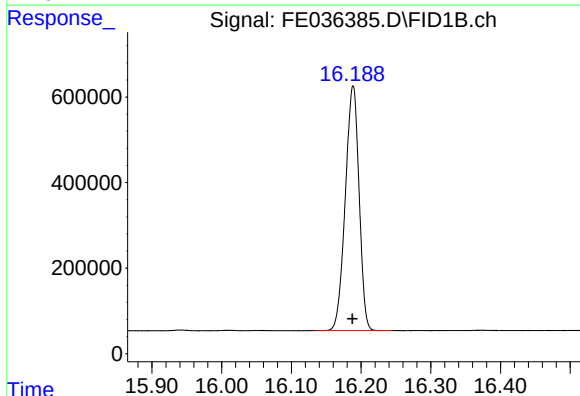
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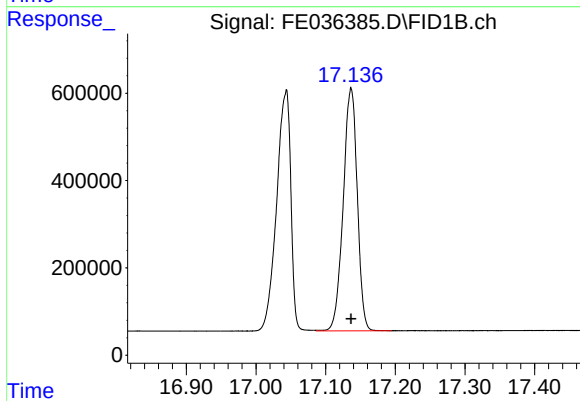
#14 n-Tetracosane (C24)

R.T.: 15.166 min
Delta R.T.: 0.000 min
Response: 5874816
Conc: 34.30 ug/ml



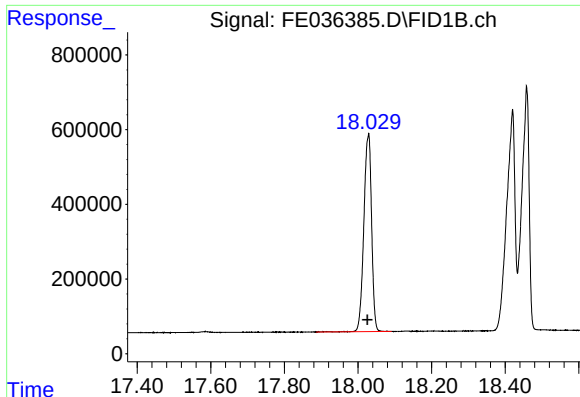
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.001 min
Response: 7856220
Conc: 47.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: 0.000 min
Response: 7790060
Conc: 48.67 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.029 min
Delta R.T.: 0.003 min
Response: 7706791
Conc: 49.78 ug/ml

Instrument :

FID_E

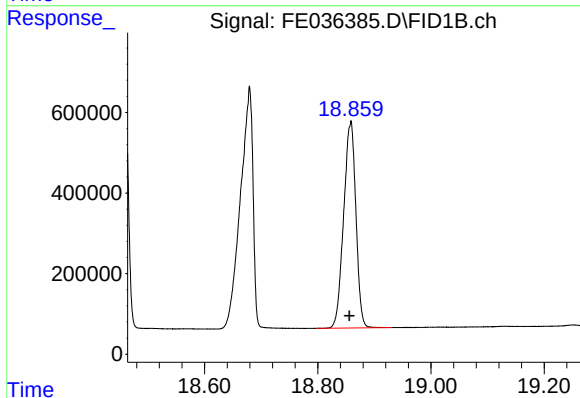
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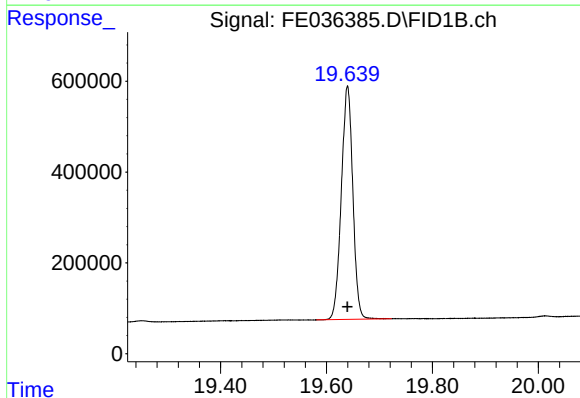
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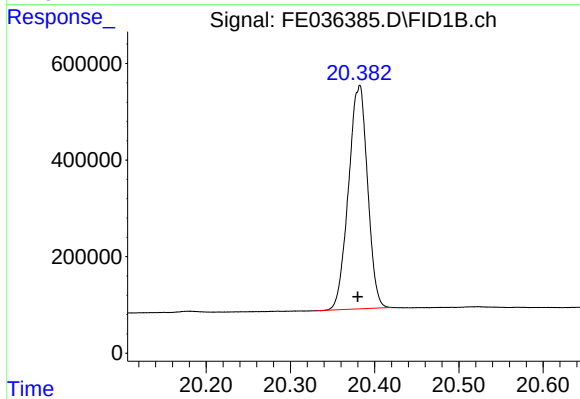
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: 0.003 min
Response: 7677146
Conc: 52.53 ug/ml



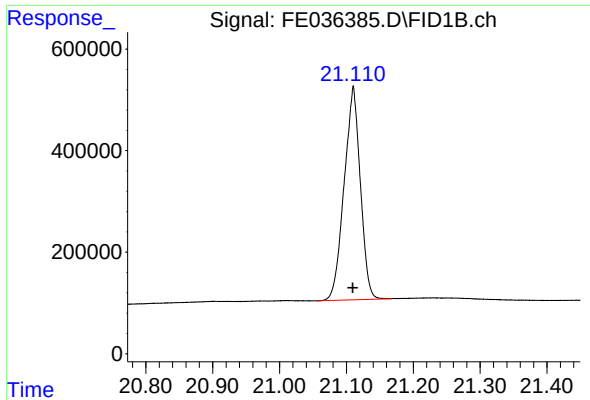
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: 0.000 min
Response: 7750011
Conc: 56.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: 0.002 min
Response: 7285254
Conc: 54.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: 0.000 min
Response: 7059656
Conc: 53.08 ug/ml

Instrument :

FID_E

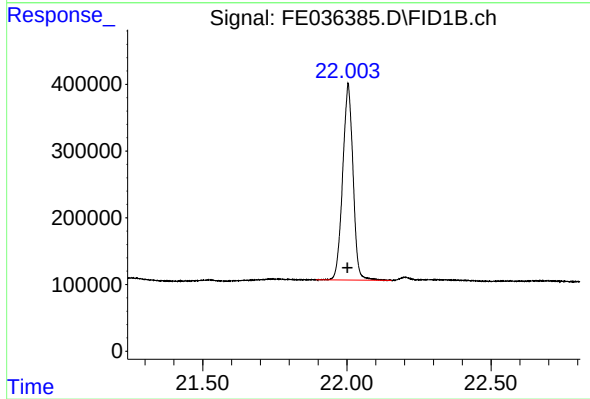
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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: 0.003 min
Response: 7336455
Conc: 52.47 ug/ml