

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036346.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 18:45
 Operator : YP\AJ
 Sample : PB145981BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB145981BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: sample.E
 Quant Time: Jul 02 03:35:03 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)	11.874	7357576	36.826 ug/ml
Spiked Amount 50.000		Recovery =	73.65%
12) S 1-chlorooctadecane (S...	13.310	5805892	37.502 ug/ml
Spiked Amount 50.000		Recovery =	75.00%
Target Compounds			
1) T n-Nonane (C9)	3.284	6981139	38.814 ug/ml
2) T n-Decane (C10)	4.528	7051838	39.229 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7787696	38.815 ug/ml
4) T n-Dodecane (C12)	6.687	7209973	38.926 ug/ml
5) T A~2-methylnaphthalene...	7.316	7456070	36.626 ug/ml
6) T n-Tetradecane (C14)	8.513	7113073	38.047 ug/ml
7) T n-Hexadecane (C16)	10.118	6959897	37.165 ug/ml
8) T n-Octadecane (C18)	11.559	7003809	37.646 ug/ml
10) T n-Eicosane (C20)	12.867	6639121	36.647 ug/ml
11) T n-Heneicosane (C21)	13.478	6525315	36.327 ug/ml
13) T n-Docosane (C22)	14.064	6441286	36.433 ug/ml
14) T n-Tetracosane (C24)	15.165	5588828	32.631 ug/ml
15) T n-Hexacosane (C26)	16.187	6213741	37.609 ug/ml
16) T n-Octacosane (C28)	17.134	6183464	38.629 ug/ml
17) T n-Tricontane (C30)	18.024	6135836	39.632 ug/ml
18) T n-Dotriacontane (C32)	18.856	6138231	42.003 ug/ml
19) T n-Tetratriacontane (C34)	19.639	6226620	44.996 ug/ml
20) T n-Hexatriacontane (C36)	20.379	6021790	44.856 ug/ml
21) T n-Octatriacontane (C38)	21.105	5850352	43.991 ug/mlm
22) T n-Tetracontane (C40)	22.001	6131724	43.852 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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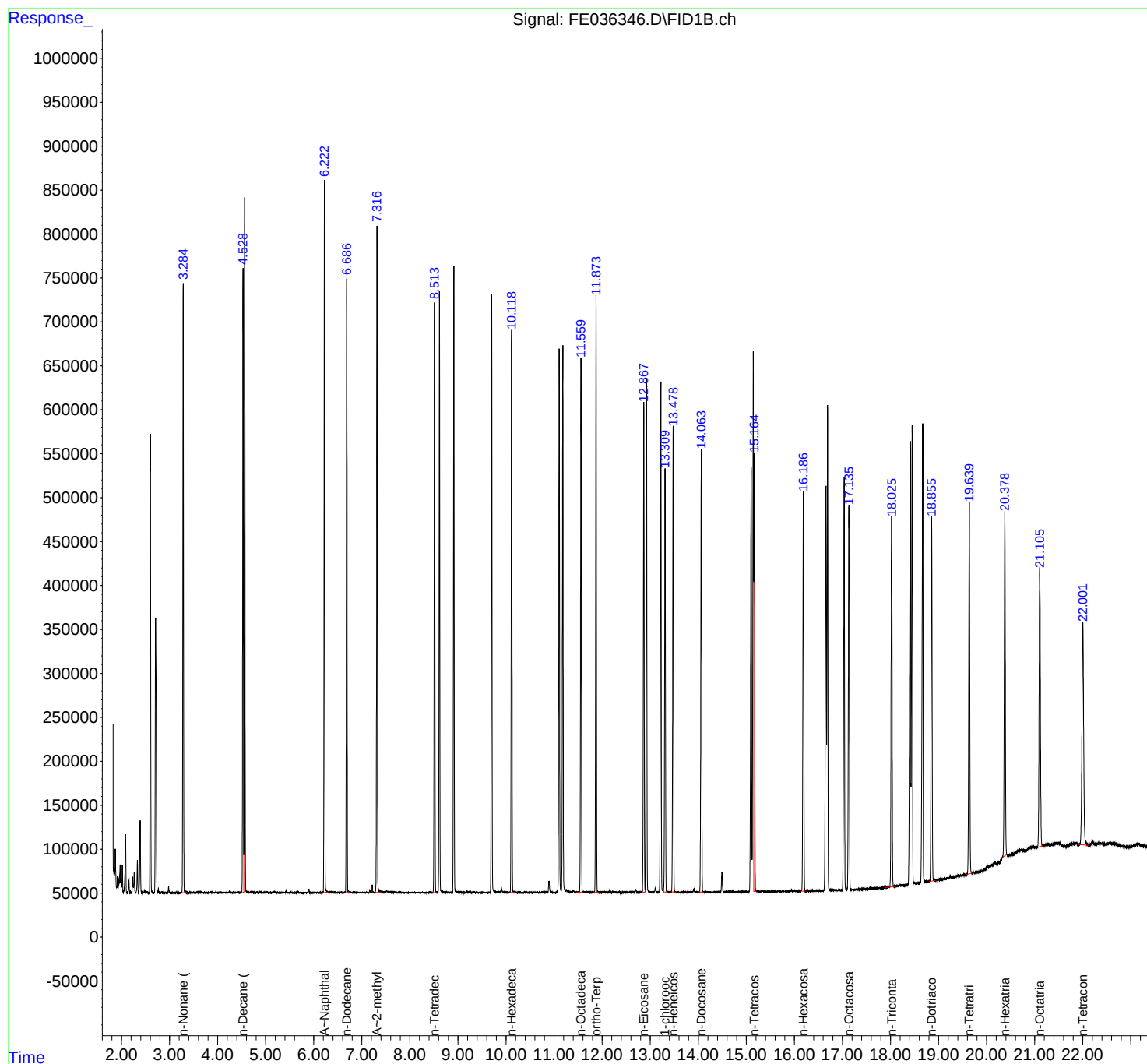
Instrument :
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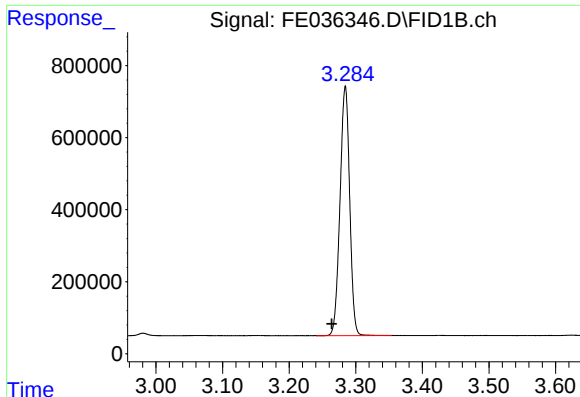
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#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: 0.020 min
Response: 6981139
Conc: 38.81 ug/ml

Instrument :

FID_E

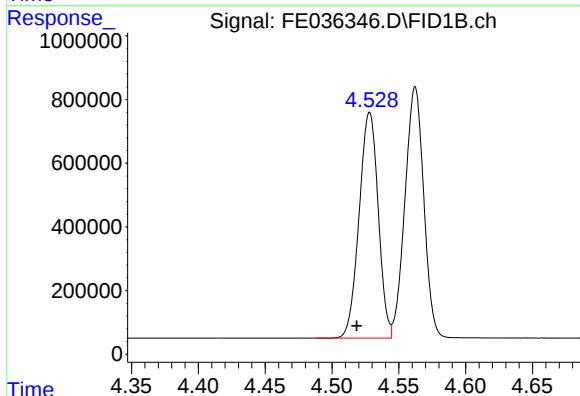
ClientSampleId :

PB145981BSD

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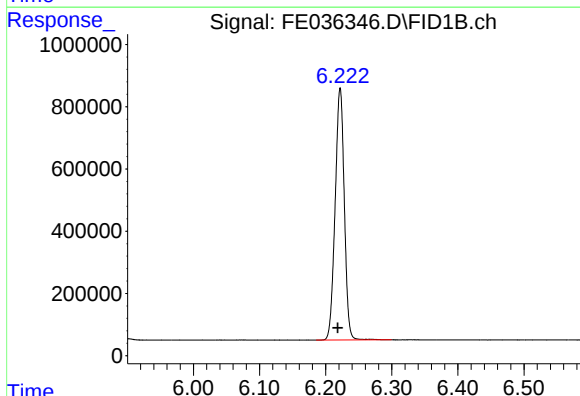
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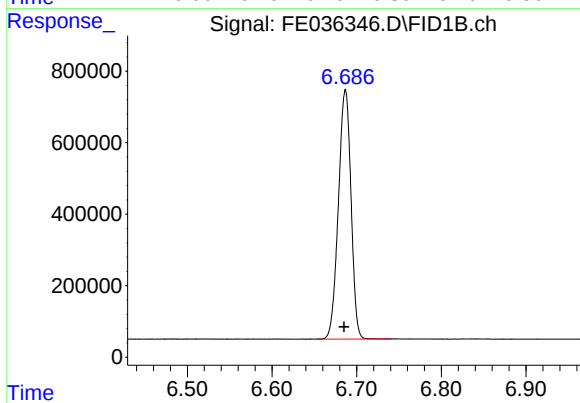
#2 n-Decane (C10)

R.T.: 4.528 min
Delta R.T.: 0.010 min
Response: 7051838
Conc: 39.23 ug/ml



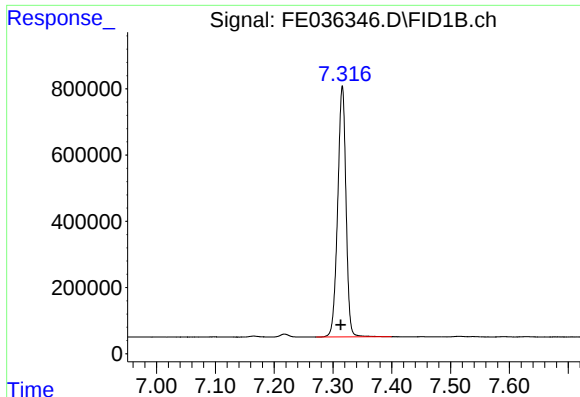
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.004 min
Response: 7787696
Conc: 38.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 7209973
Conc: 38.93 ug/ml



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

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 7456070
Conc: 36.63 ug/ml

Instrument :

FID_E

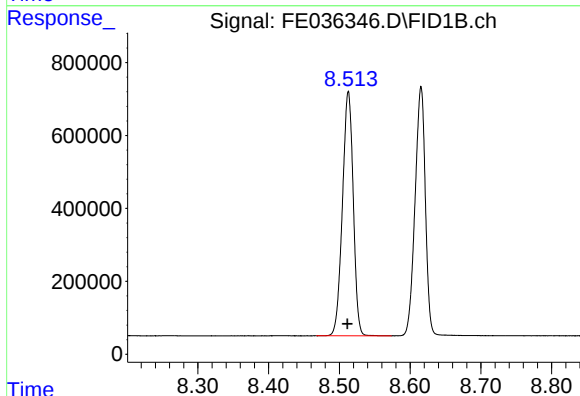
ClientSampleId :

PB145981BSD

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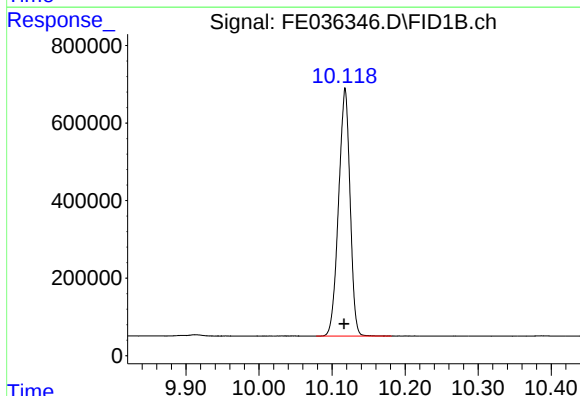
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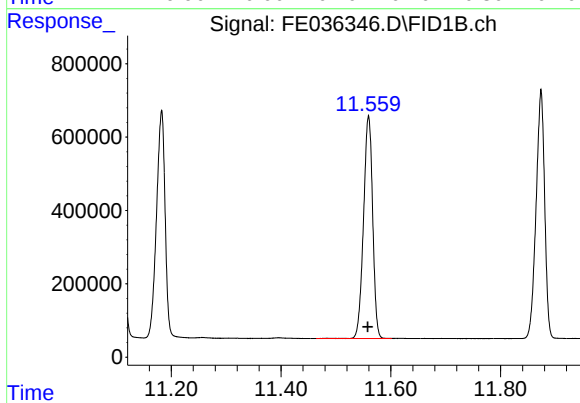
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 7113073
Conc: 38.05 ug/ml



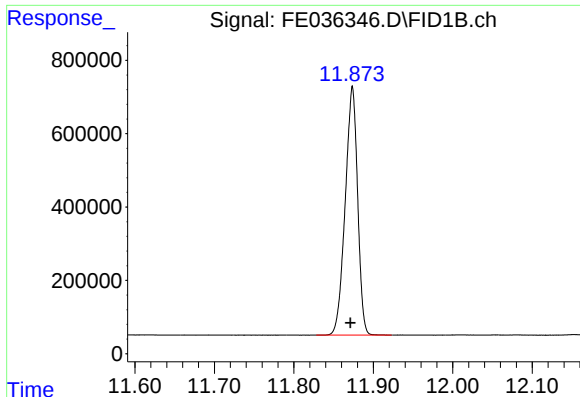
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 6959897
Conc: 37.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.001 min
Response: 7003809
Conc: 37.65 ug/ml



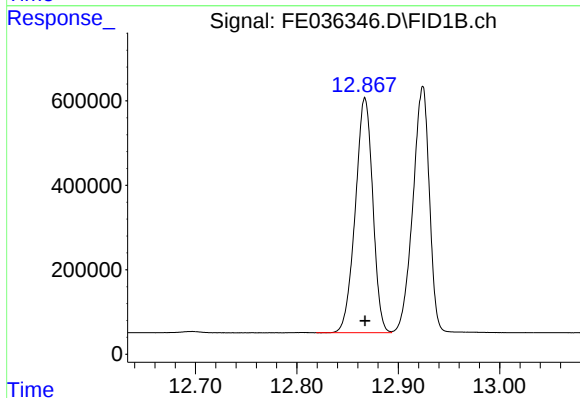
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 7357576
Conc: 36.83 ug/ml

Instrument :
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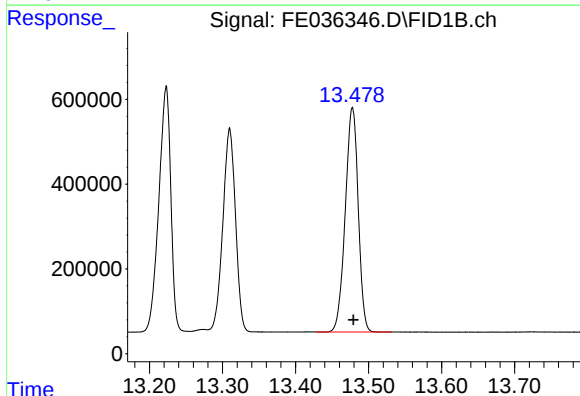
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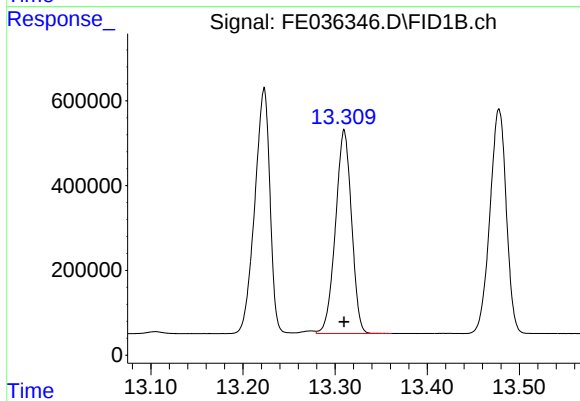
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 6639121
Conc: 36.65 ug/ml



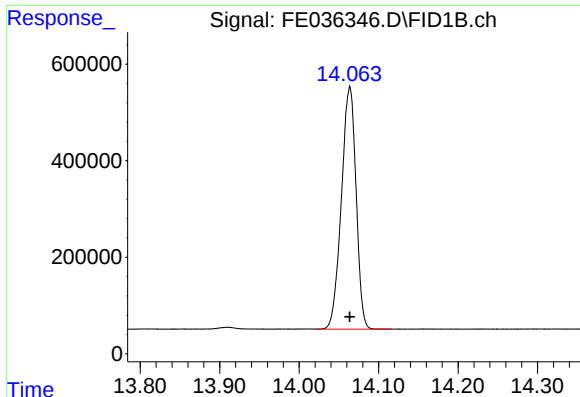
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.001 min
Response: 6525315
Conc: 36.33 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 5805892
Conc: 37.50 ug/ml



#13 n-Docosane (C22)

R.T.: 14.064 min
Delta R.T.: 0.000 min
Response: 6441286
Conc: 36.43 ug/ml

Instrument :

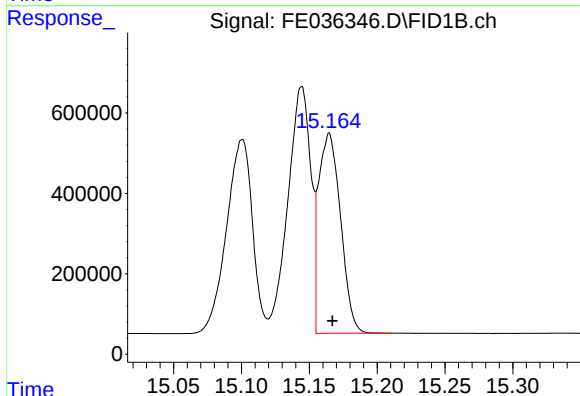
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ClientSampleId :

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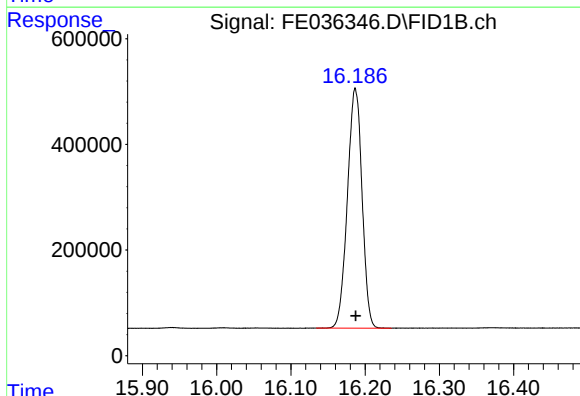
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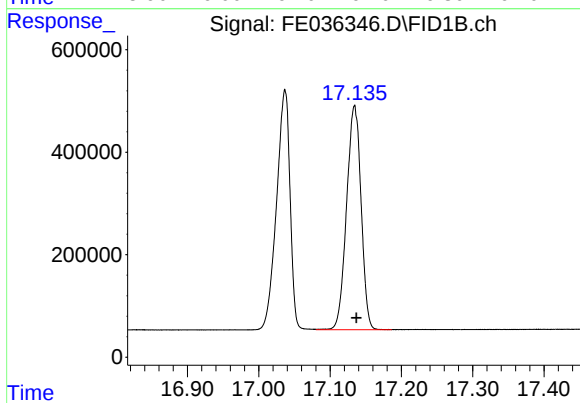
#14 n-Tetracosane (C24)

R.T.: 15.165 min
Delta R.T.: -0.002 min
Response: 5588828
Conc: 32.63 ug/ml



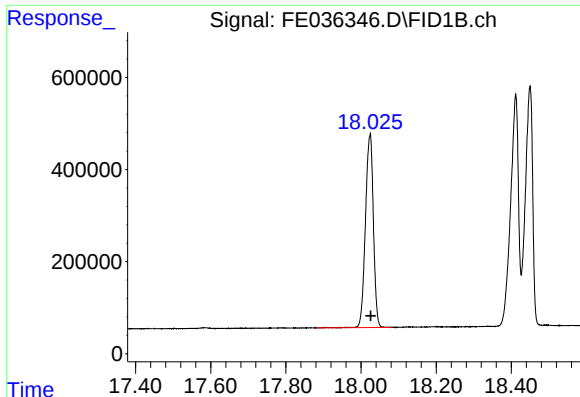
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: 0.000 min
Response: 6213741
Conc: 37.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.003 min
Response: 6183464
Conc: 38.63 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.001 min
Response: 6135836
Conc: 39.63 ug/ml

Instrument :

FID_E

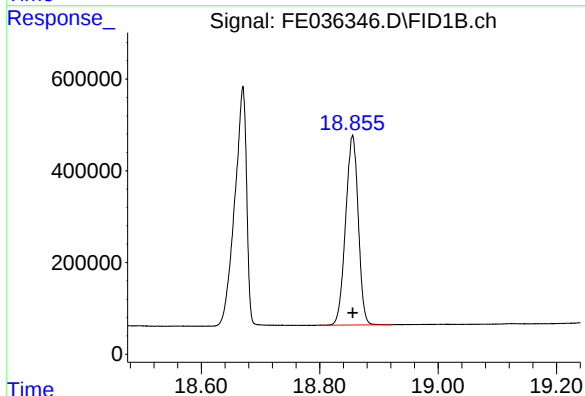
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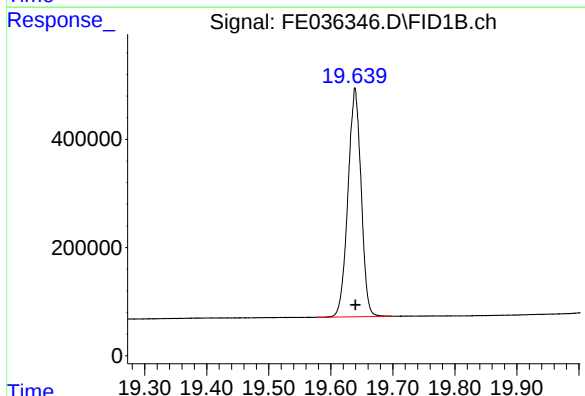
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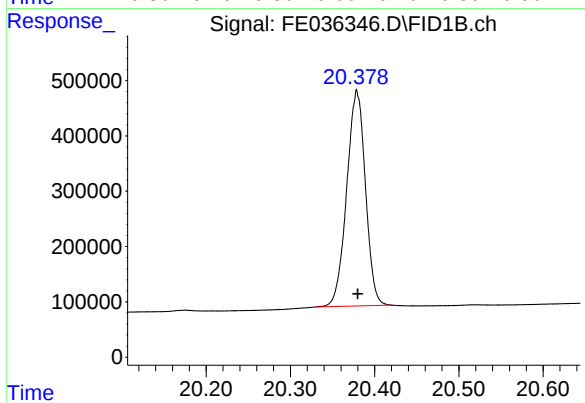
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.000 min
Response: 6138231
Conc: 42.00 ug/ml



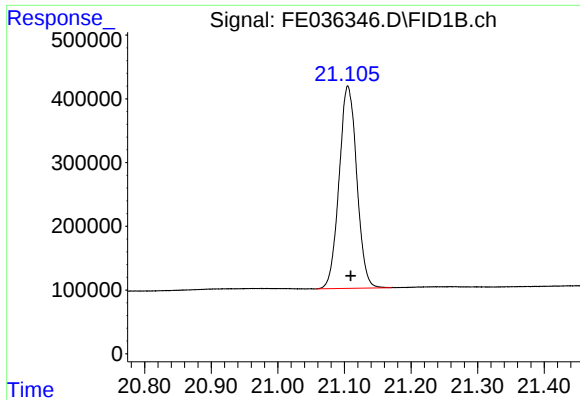
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 6226620
Conc: 45.00 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.379 min
Delta R.T.: -0.001 min
Response: 6021790
Conc: 44.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.105 min
Delta R.T.: -0.005 min
Response: 5850352
Conc: 43.99 ug/ml

Instrument :

FID_E

ClientSampleId :

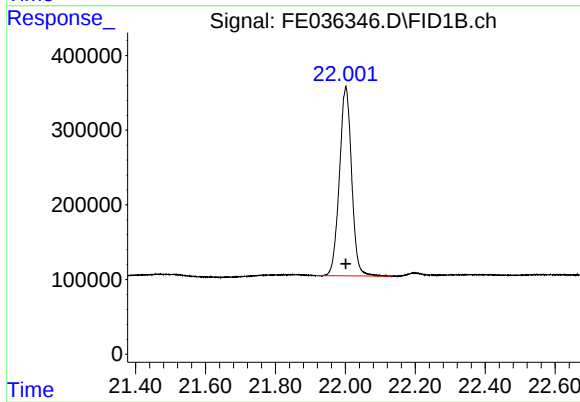
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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.000 min
Response: 6131724
Conc: 43.85 ug/ml