

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036386.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 16:41
 Operator : YP\AJ
 Sample : PB146043BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146043BSD

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 04:00:15 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	7927242	39.677 ug/ml
Spiked Amount 50.000		Recovery =	79.35%
12) S 1-chlorooctadecane (S...	13.310	6254571	40.400 ug/ml
Spiked Amount 50.000		Recovery =	80.80%
Target Compounds			
1) T n-Nonane (C9)	3.289	8785604	48.847 ug/ml
2) T n-Decane (C10)	4.530	8873734	49.365 ug/ml
3) T A~Naphthalene (C11.7)	6.223	9750959	48.600 ug/ml
4) T n-Dodecane (C12)	6.687	9075763	48.999 ug/ml
5) T A~2-methylnaphthalene...	7.317	9444655	46.395 ug/ml
6) T n-Tetradecane (C14)	8.513	8986254	48.067 ug/ml
7) T n-Hexadecane (C16)	10.118	8813770	47.064 ug/ml
8) T n-Octadecane (C18)	11.560	8864304	47.647 ug/ml
10) T n-Eicosane (C20)	12.868	8418336	46.468 ug/ml
11) T n-Heneicosane (C21)	13.479	8259442	45.981 ug/ml
13) T n-Docosane (C22)	14.065	8124889	45.955 ug/ml
14) T n-Tetracosane (C24)	15.167	6410462	37.428 ug/ml
15) T n-Hexacosane (C26)	16.190	7779150	47.083 ug/ml
16) T n-Octacosane (C28)	17.138	7727872	48.277 ug/ml
17) T n-Tricontane (C30)	18.025	7632898	49.301 ug/ml
18) T n-Dotriacontane (C32)	18.856	7607754	52.059 ug/ml
19) T n-Tetratriacontane (C34)	19.641	7654004	55.311 ug/mlm
20) T n-Hexatriacontane (C36)	20.382	7319418	54.522 ug/ml
21) T n-Octatriacontane (C38)	21.108	6961523	52.346 ug/mlm
22) T n-Tetracontane (C40)	22.001	7101572	50.788 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 6 Sample Multiplier: 1

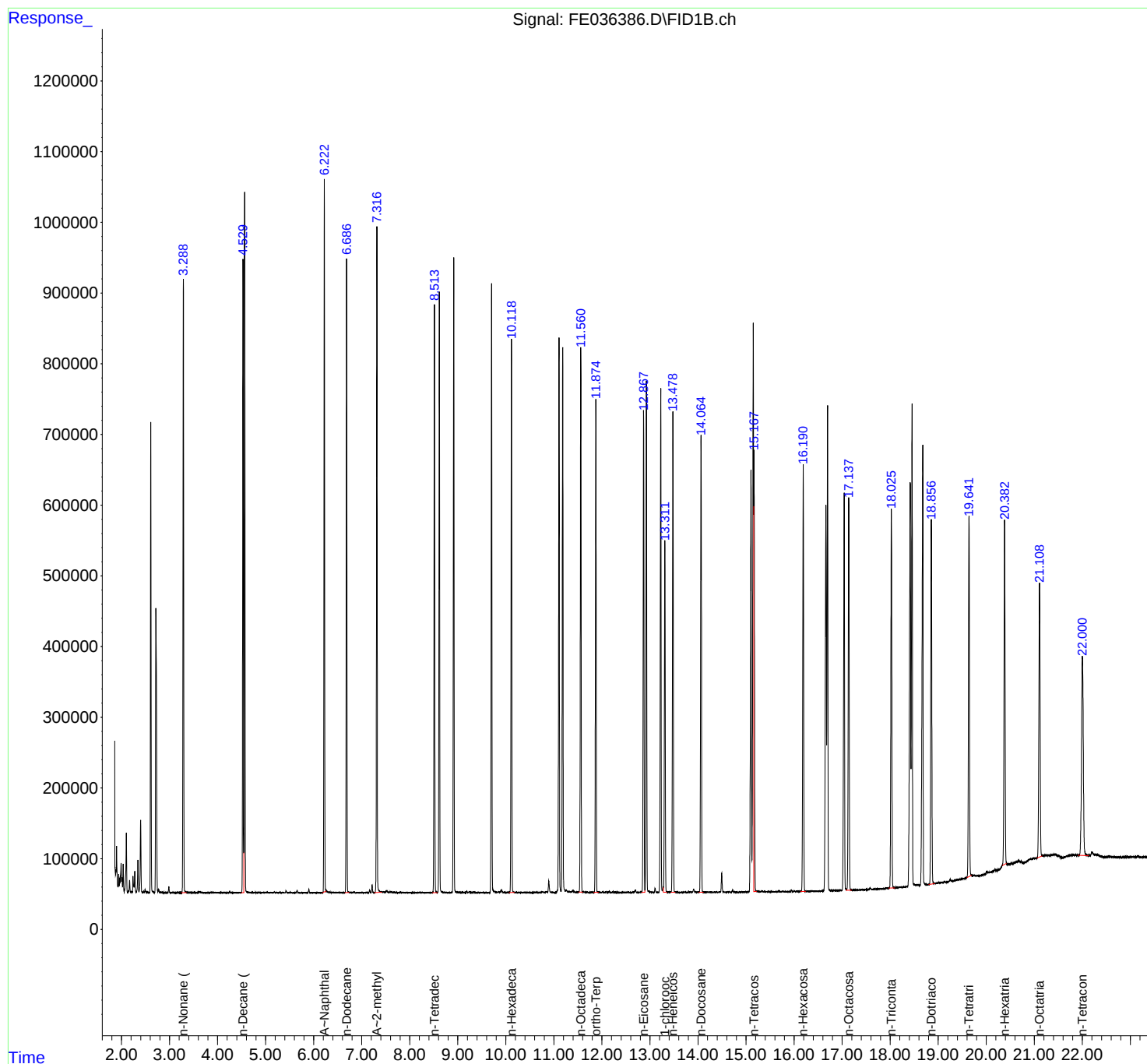
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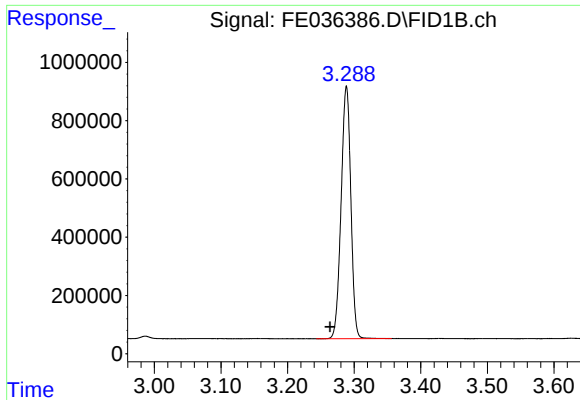
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.025 min
Response: 8785604
Conc: 48.85 ug/ml

Instrument :

FID_E

ClientSampleId :

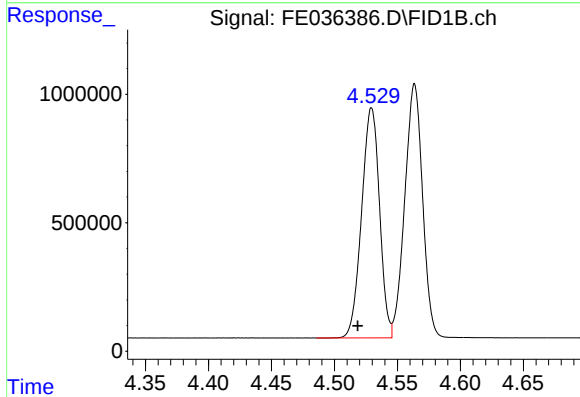
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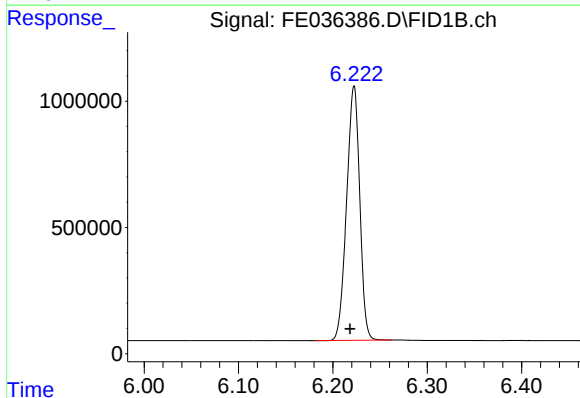
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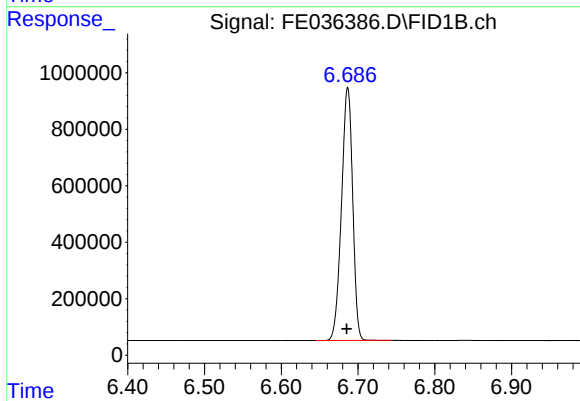
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: 0.011 min
Response: 8873734
Conc: 49.36 ug/ml



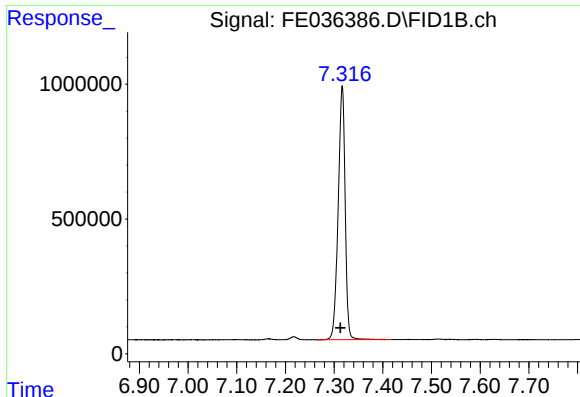
#3 A~Naphthalene (C11.7)

R.T.: 6.223 min
Delta R.T.: 0.004 min
Response: 9750959
Conc: 48.60 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 9075763
Conc: 49.00 ug/ml



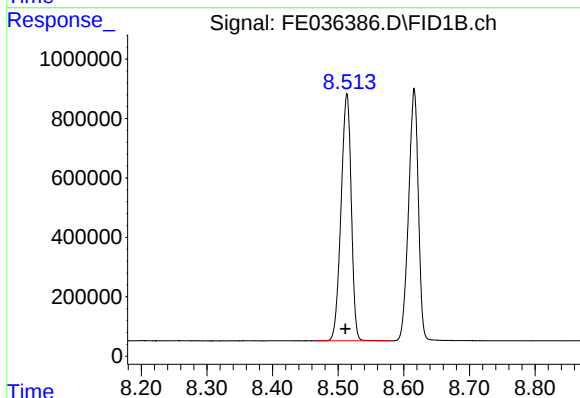
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.317 min
Delta R.T.: 0.004 min
Response: 9444655
Conc: 46.39 ug/ml

Instrument :
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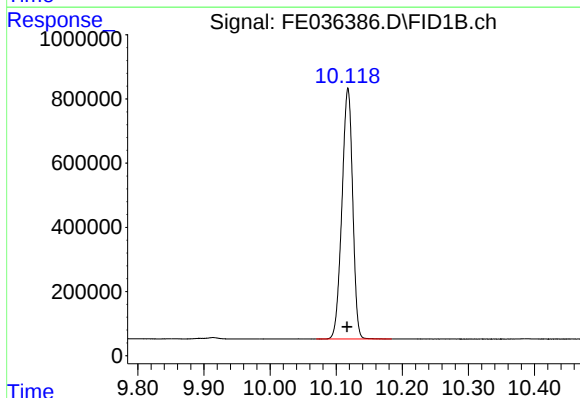
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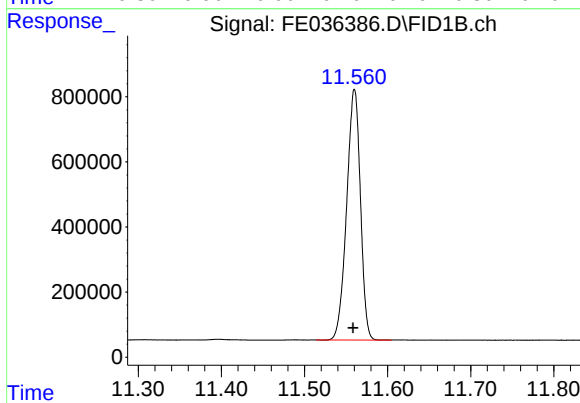
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 8986254
Conc: 48.07 ug/ml



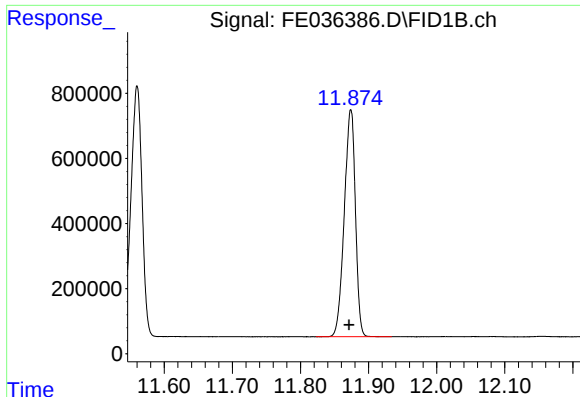
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.001 min
Response: 8813770
Conc: 47.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 8864304
Conc: 47.65 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 7927242
Conc: 39.68 ug/ml

Instrument :

FID_E

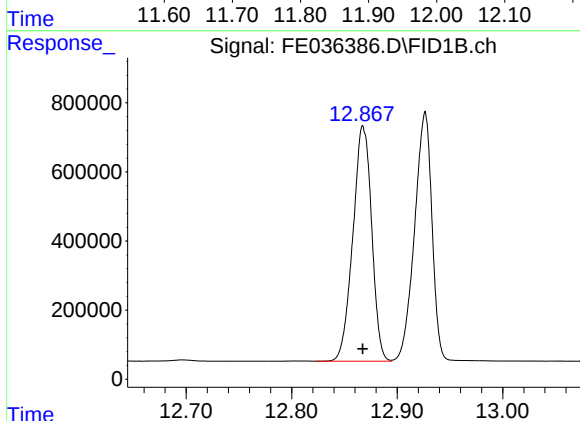
ClientSampleId :

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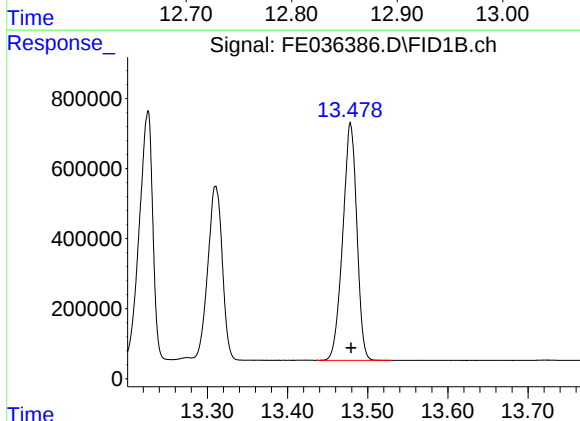
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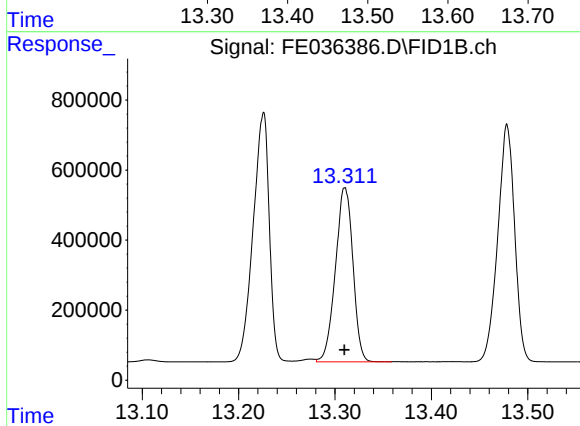
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.000 min
Response: 8418336
Conc: 46.47 ug/ml



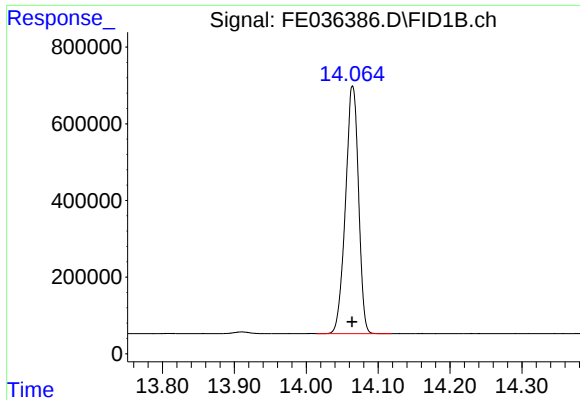
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 8259442
Conc: 45.98 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: 0.000 min
Response: 6254571
Conc: 40.40 ug/ml



#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: 0.000 min
Response: 8124889
Conc: 45.96 ug/ml

Instrument :

FID_E

ClientSampleId :

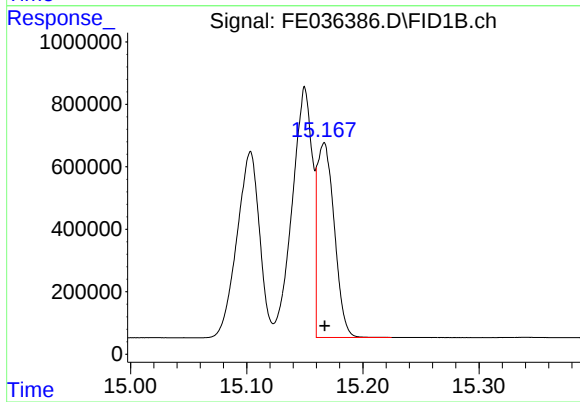
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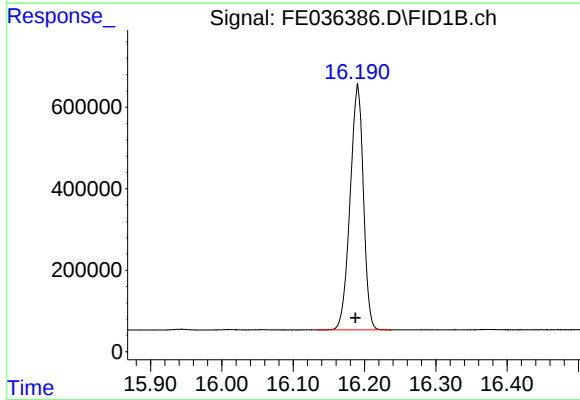
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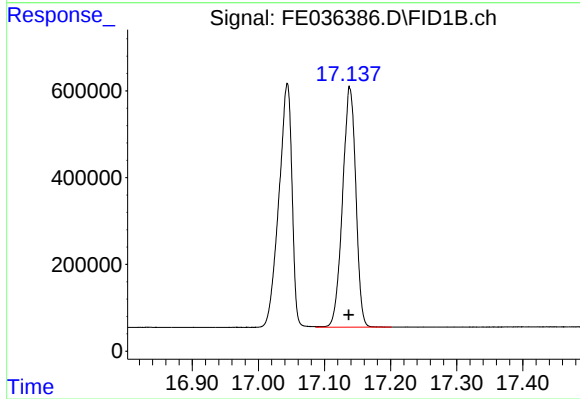
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: 0.000 min
Response: 6410462
Conc: 37.43 ug/ml



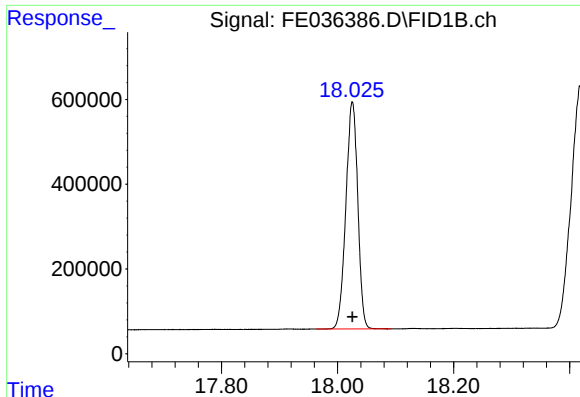
#15 n-Hexacosane (C26)

R.T.: 16.190 min
Delta R.T.: 0.003 min
Response: 7779150
Conc: 47.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.002 min
Response: 7727872
Conc: 48.28 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.000 min
Response: 7632898
Conc: 49.30 ug/ml

Instrument :

FID_E

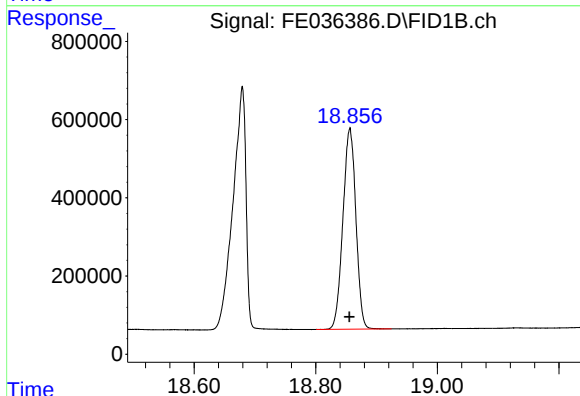
ClientSampleId :

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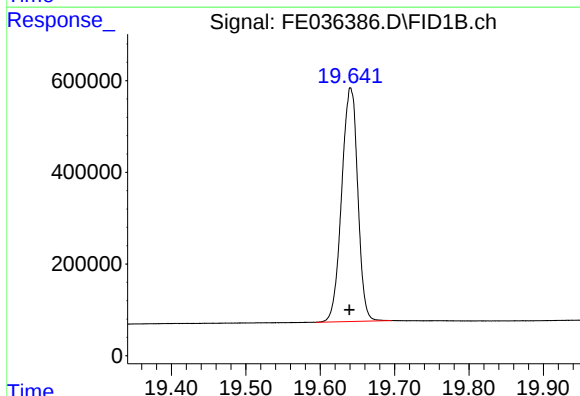
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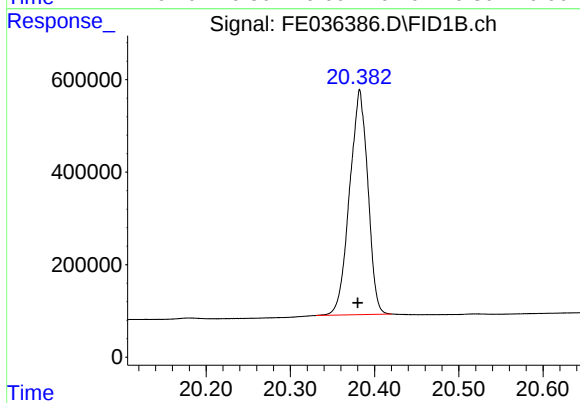
#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: 0.000 min
Response: 7607754
Conc: 52.06 ug/ml



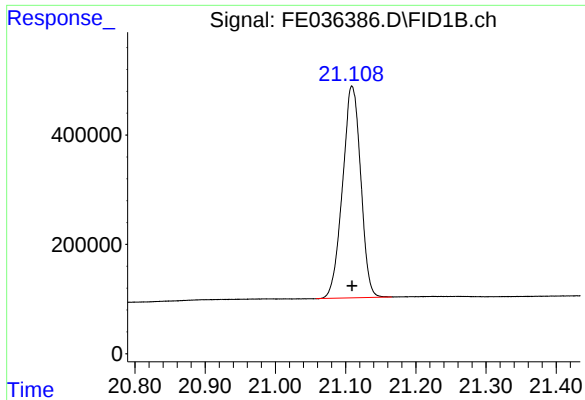
#19 n-Tetratriacontane (C34)

R.T.: 19.641 min
Delta R.T.: 0.001 min
Response: 7654004
Conc: 55.31 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.382 min
Delta R.T.: 0.002 min
Response: 7319418
Conc: 54.52 ug/ml



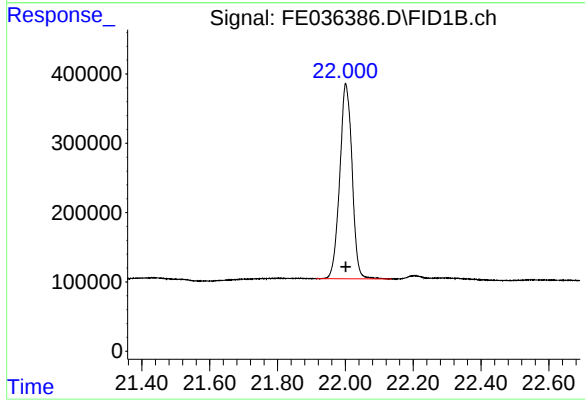
#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: 0.000 min
Response: 6961523
Conc: 52.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.001 min
Delta R.T.: 0.000 min
Response: 7101572
Conc: 50.79 ug/ml