

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070622AL\
 Data File : FE036397.D
 Signal(s) : FID1B.ch
 Acq On : 06 Jul 2022 22:19
 Operator : YP\AJ
 Sample : N3589-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 C-1MS

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 04:02:10 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	6685148	33.460 ug/ml
Spiked Amount 50.000		Recovery =	66.92%
12) S 1-chlorooctadecane (S...	13.311	5316972	34.343 ug/ml
Spiked Amount 50.000		Recovery =	68.69%
Target Compounds			
1) T n-Nonane (C9)	3.265	5916726	32.896 ug/ml
2) T n-Decane (C10)	4.519	6538699	36.375 ug/ml
3) T A~Naphthalene (C11.7)	6.219	7746853	38.611 ug/ml
4) T n-Dodecane (C12)	6.685	7293919	39.379 ug/ml
5) T A~2-methylnaphthalene...	7.315	7895322	38.784 ug/ml
6) T n-Tetradecane (C14)	8.513	7933946	42.438 ug/ml
7) T n-Hexadecane (C16)	10.118	8722972	46.579 ug/ml
8) T n-Octadecane (C18)	11.560	9222154	49.570 ug/ml
10) T n-Eicosane (C20)	12.869	8881889	49.027 ug/ml
11) T n-Heneicosane (C21)	13.480	8725766	48.577 ug/ml
13) T n-Docosane (C22)	14.066	8579450	48.526 ug/ml
14) T n-Tetracosane (C24)	15.162	5818748	33.973 ug/mlm
15) T n-Hexacosane (C26)	16.191	8131403	49.215 ug/ml
16) T n-Octacosane (C28)	17.137	8004438	50.004 ug/ml
17) T n-Tricontane (C30)	18.028	7835324	50.609 ug/ml
18) T n-Dotriacontane (C32)	18.859	7768798	53.161 ug/ml
19) T n-Tetratriacontane (C34)	19.642	7935380	57.344 ug/ml
20) T n-Hexatriacontane (C36)	20.384	7514254	55.973 ug/ml
21) T n-Octatriacontane (C38)	21.111	7411898	55.733 ug/ml
22) T n-Tetracontane (C40)	22.006	8009352	57.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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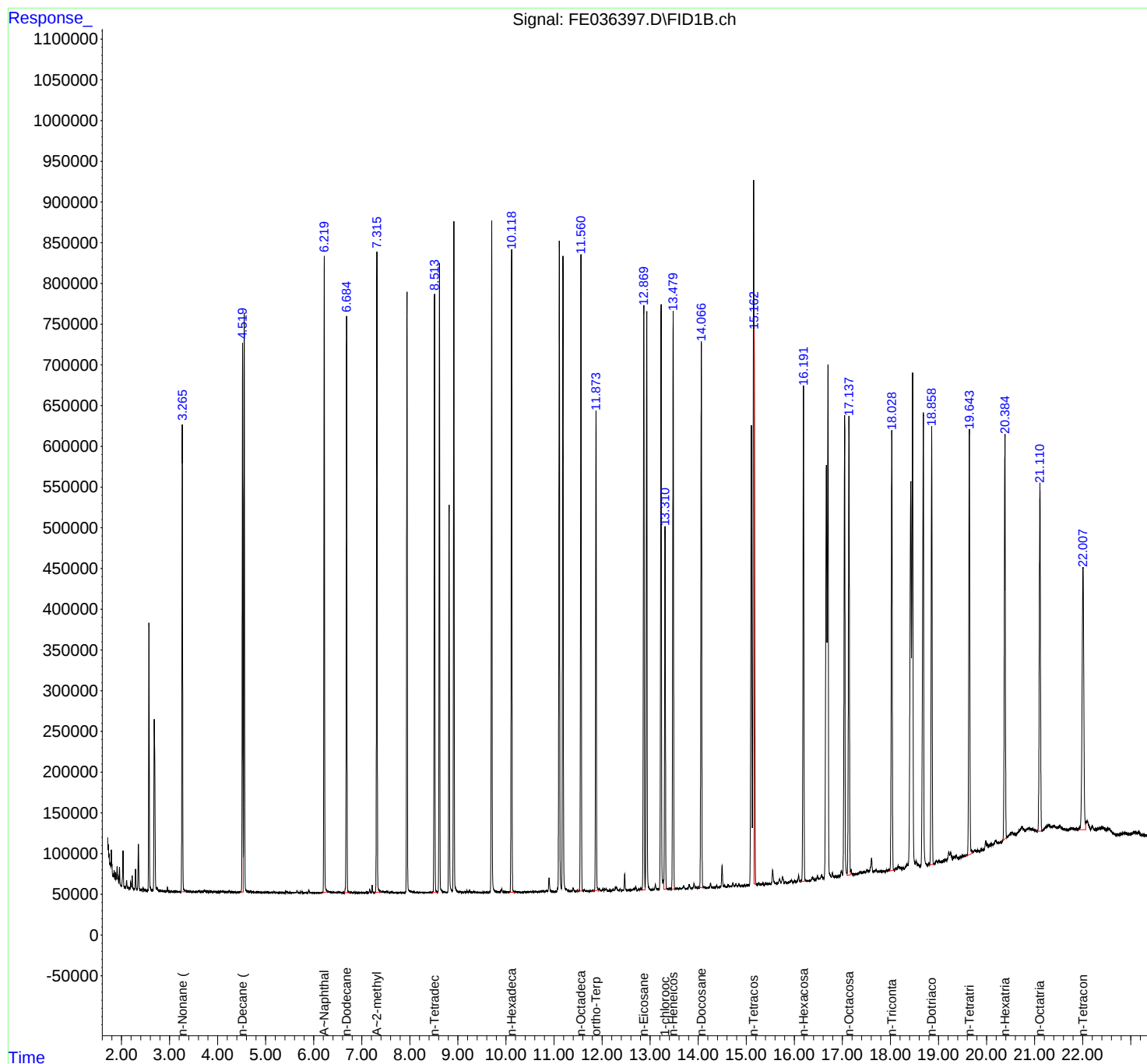
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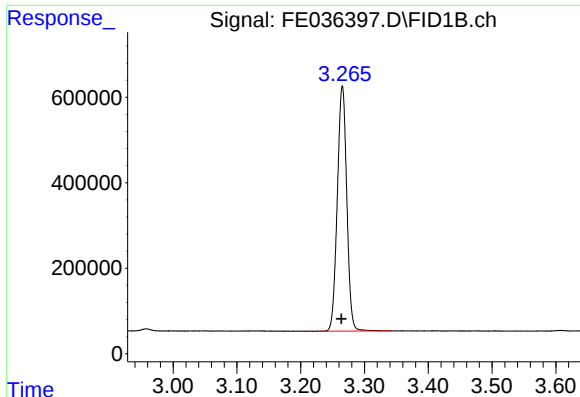
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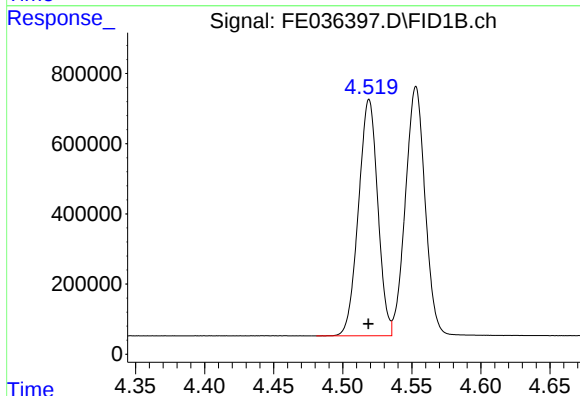
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.001 min
Response: 5916726
Conc: 32.90 ug/ml

Instrument :
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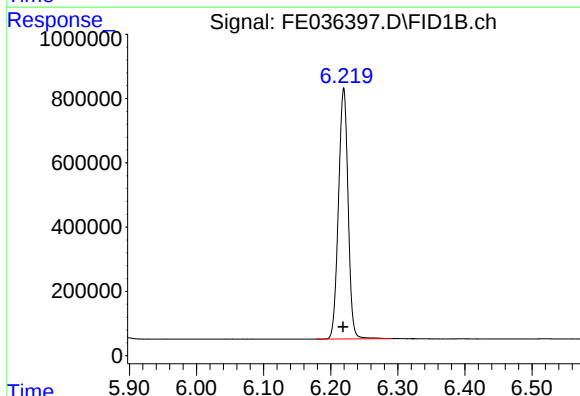
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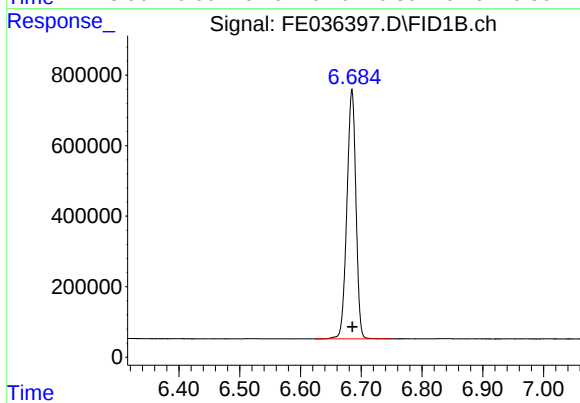
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 6538699
Conc: 36.37 ug/ml



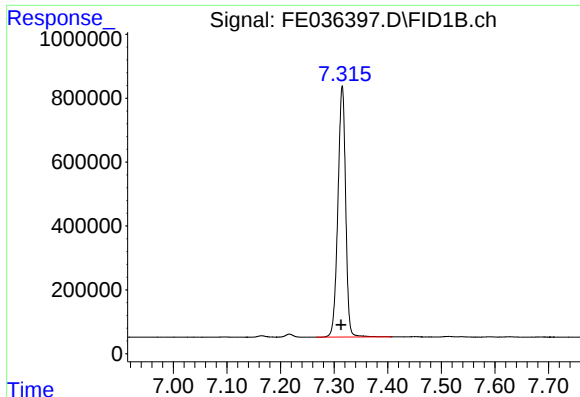
#3 A~Naphthalene (C11.7)

R.T.: 6.219 min
Delta R.T.: 0.001 min
Response: 7746853
Conc: 38.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 7293919
Conc: 39.38 ug/ml



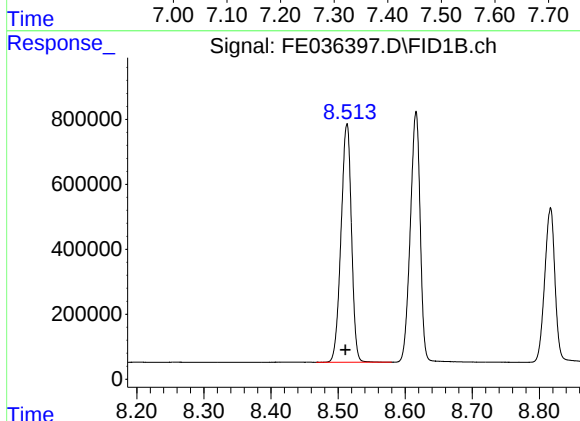
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 7895322
Conc: 38.78 ug/ml

Instrument :
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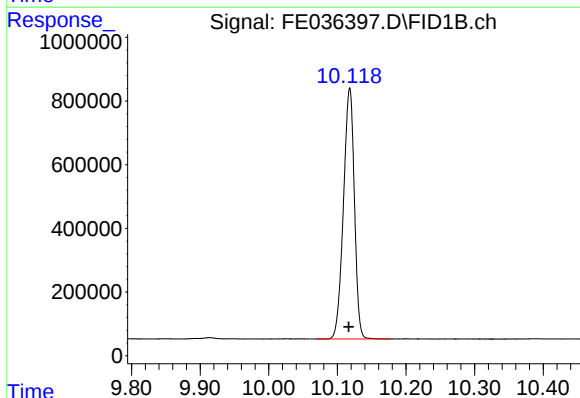
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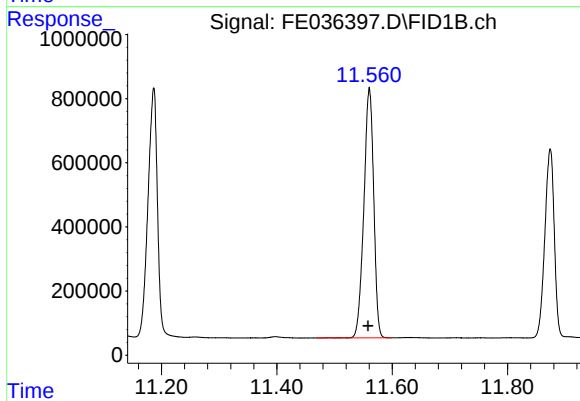
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 7933946
Conc: 42.44 ug/ml



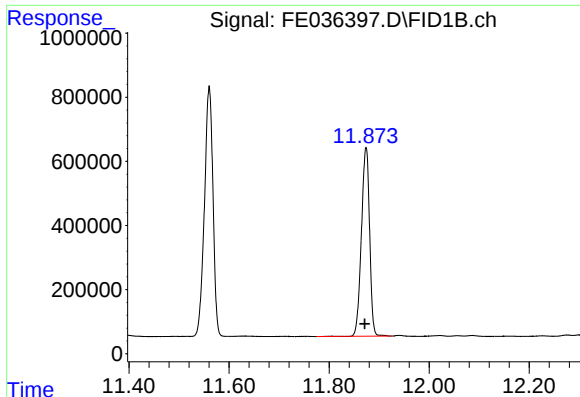
#7 n-Hexadecane (C16)

R.T.: 10.118 min
Delta R.T.: 0.002 min
Response: 8722972
Conc: 46.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 9222154
Conc: 49.57 ug/ml



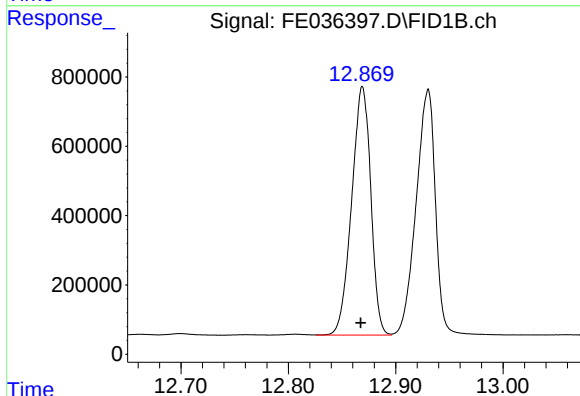
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 6685148
Conc: 33.46 ug/ml

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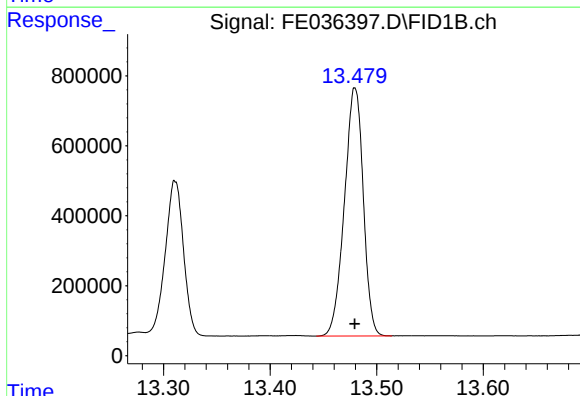
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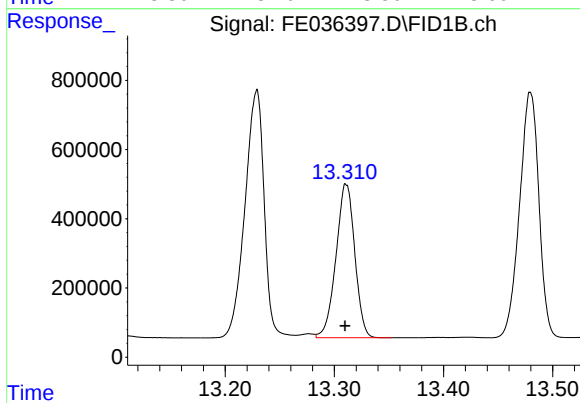
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 8881889
Conc: 49.03 ug/ml



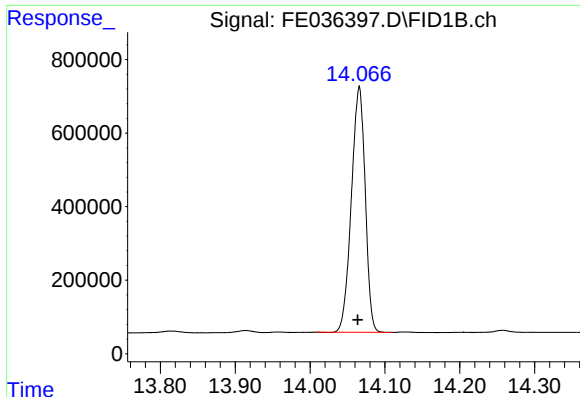
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 8725766
Conc: 48.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.001 min
Response: 5316972
Conc: 34.34 ug/ml



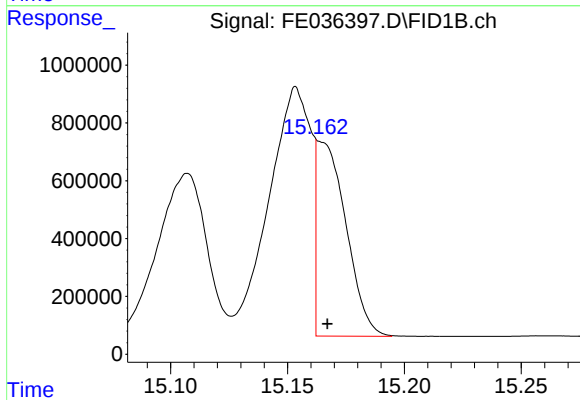
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 8579450
Conc: 48.53 ug/ml

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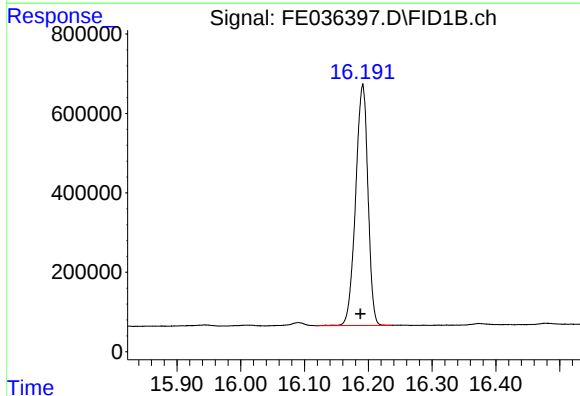
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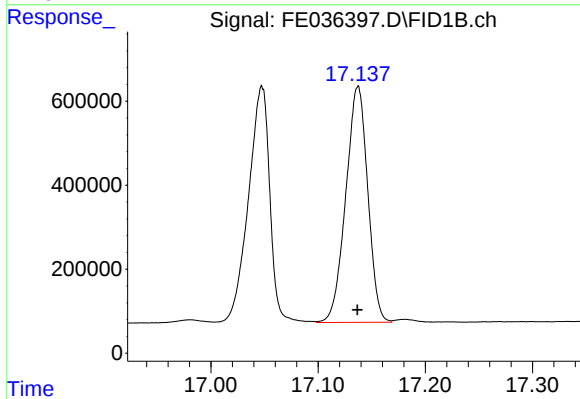
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.005 min
Response: 5818748
Conc: 33.97 ug/ml m



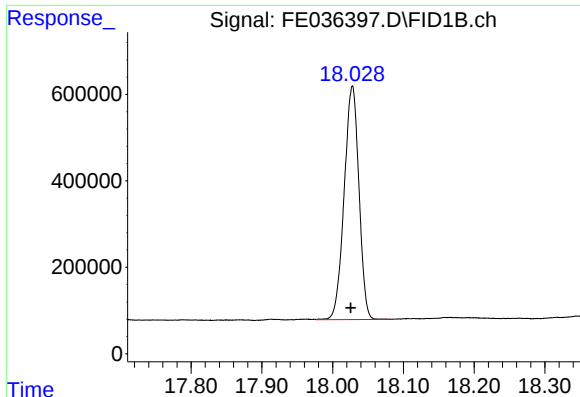
#15 n-Hexacosane (C26)

R.T.: 16.191 min
Delta R.T.: 0.004 min
Response: 8131403
Conc: 49.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: 0.000 min
Response: 8004438
Conc: 50.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: 0.002 min
Response: 7835324
Conc: 50.61 ug/ml

Instrument :

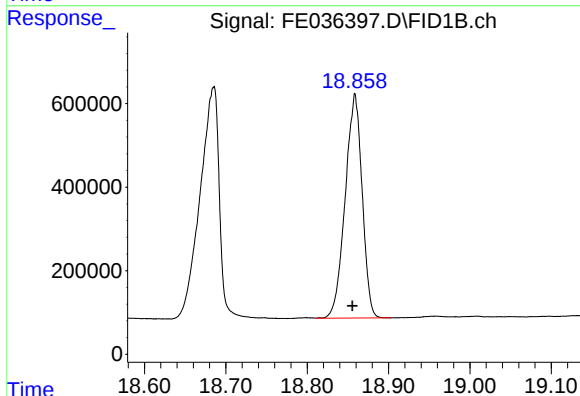
FID_E

ClientSampleId :

C-1MS

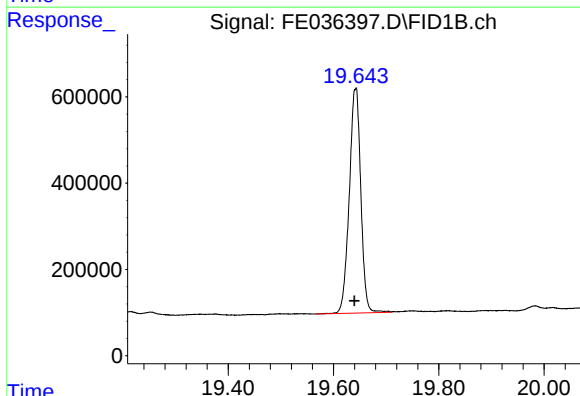
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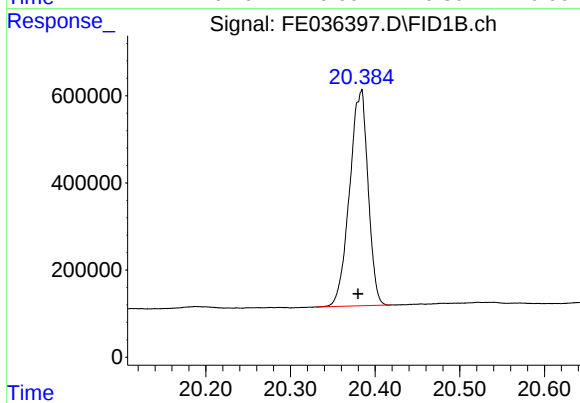
#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: 0.003 min
Response: 7768798
Conc: 53.16 ug/ml



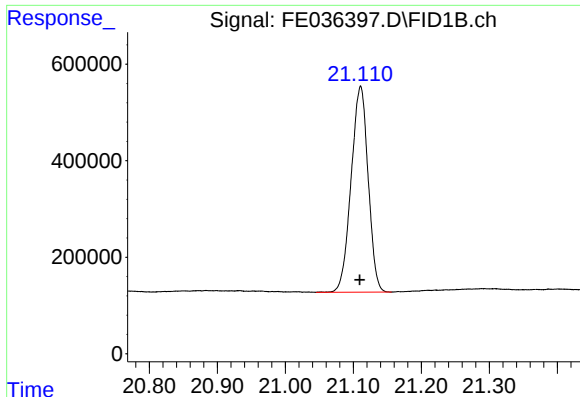
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.002 min
Response: 7935380
Conc: 57.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 7514254
Conc: 55.97 ug/ml



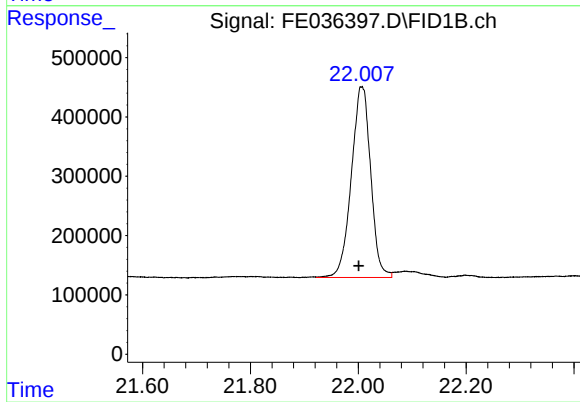
#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.001 min
Response: 7411898
Conc: 55.73 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.005 min
Response: 8009352
Conc: 57.28 ug/ml