

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034910.D
 Signal(s) : FID1B.CH
 Acq On : 09 Feb 2022 9:46
 Operator : YP\AJ
 Sample : N1412-07MSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2022
 Supervised By :Ankita Jodhani 02/10/2022

Integration File: sample.E
 Quant Time: Feb 10 01:17:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.140	11665957	39.833 ug/ml
Spiked Amount 50.000		Recovery =	79.67%
12) S 1-chlorooctadecane (S...	12.569	8532732	38.164 ug/ml
Spiked Amount 50.000		Recovery =	76.33%
Target Compounds			
1) T n-Nonane (C9)	3.041	12133895	47.835 ug/ml
2) T n-Decane (C10)	4.040	12662631	49.334 ug/ml
3) T A~Naphthalene (C11.7)	5.583	14813620	51.637 ug/ml
4) T n-Dodecane (C12)	6.009	13100417	50.919 ug/ml
5) T A~2-methylnaphthalene...	6.627	14355040	49.613 ug/ml
6) T n-Tetradecane (C14)	7.796	13293335	50.822 ug/ml
7) T n-Hexadecane (C16)	9.389	13401407	51.105 ug/ml
8) T n-Octadecane (C18)	10.827	13550273	50.820 ug/ml
10) T n-Eicosane (C20)	12.133	13335420	51.062 ug/ml
11) T n-Heneicosane (C21)	12.740	13206820	50.413 ug/ml
13) T n-Docosane (C22)	13.324	13005706	50.451 ug/ml
14) T n-Tetracosane (C24)	14.422	7345333	28.970 ug/mlm
15) T n-Hexacosane (C26)	15.444	12470109	51.070 ug/ml
16) T n-Octacosane (C28)	16.385	12660278	53.205 ug/ml
17) T n-Tricontane (C30)	17.273	12167857	52.908 ug/ml
18) T n-Dotriacontane (C32)	18.098	11428521	53.466 ug/ml
19) T n-Tetratriacontane (C34)	18.879	10685866	53.020 ug/ml
20) T n-Hexatriacontane (C36)	19.614	9371108	49.544 ug/ml
21) T n-Octatriacontane (C38)	20.327	8109718	44.577 ug/ml
22) T n-Tetracontane (C40)	21.179	7855014	42.881 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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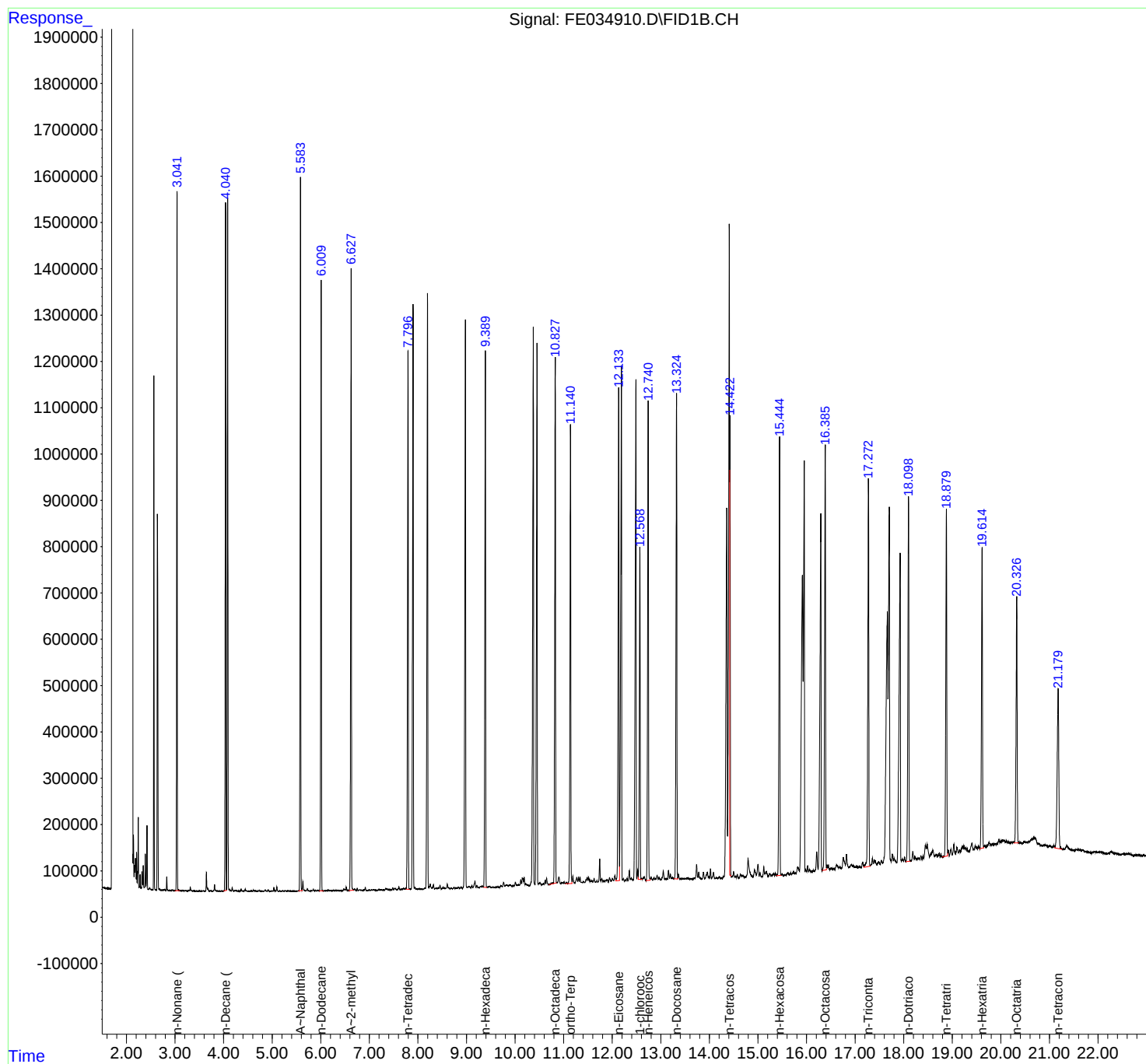
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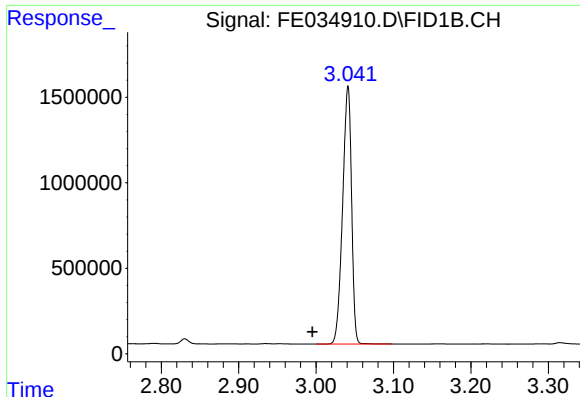
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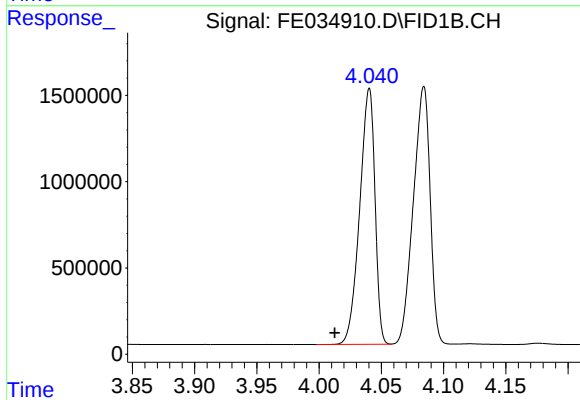
#1 n-Nonane (C9)

R.T.: 3.041 min
Delta R.T.: 0.046 min
Response: 12133895
Conc: 47.84 ug/ml

Instrument :
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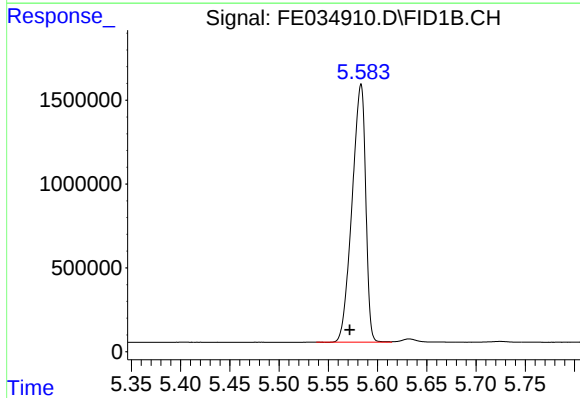
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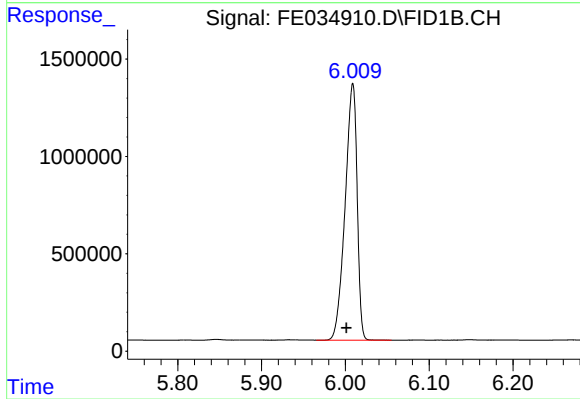
#2 n-Decane (C10)

R.T.: 4.040 min
Delta R.T.: 0.028 min
Response: 12662631
Conc: 49.33 ug/ml



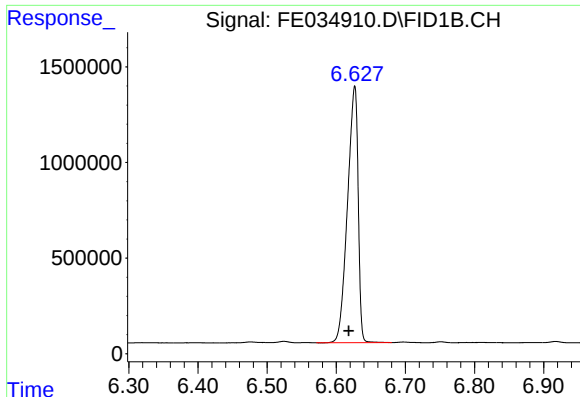
#3 A~Naphthalene (C11.7)

R.T.: 5.583 min
Delta R.T.: 0.011 min
Response: 14813620
Conc: 51.64 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.009 min
Delta R.T.: 0.008 min
Response: 13100417
Conc: 50.92 ug/ml



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

R.T.: 6.627 min
Delta R.T.: 0.009 min
Response: 14355040
Conc: 49.61 ug/ml

Instrument :

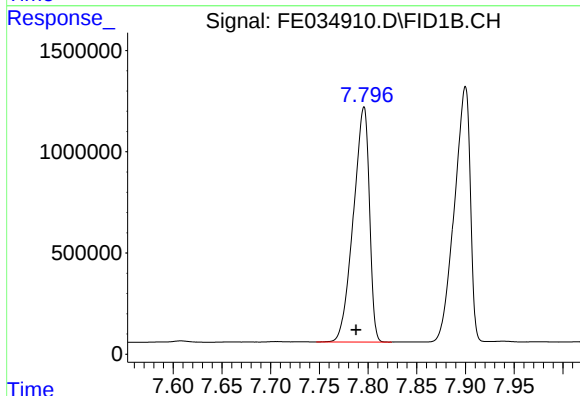
FID_E

ClientSampleId :

5MSD

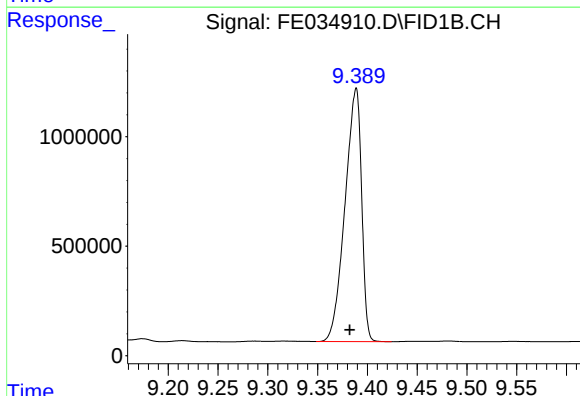
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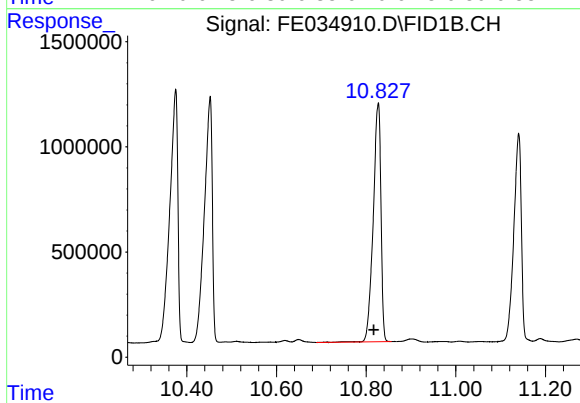
#6 n-Tetradecane (C14)

R.T.: 7.796 min
Delta R.T.: 0.008 min
Response: 13293335
Conc: 50.82 ug/ml



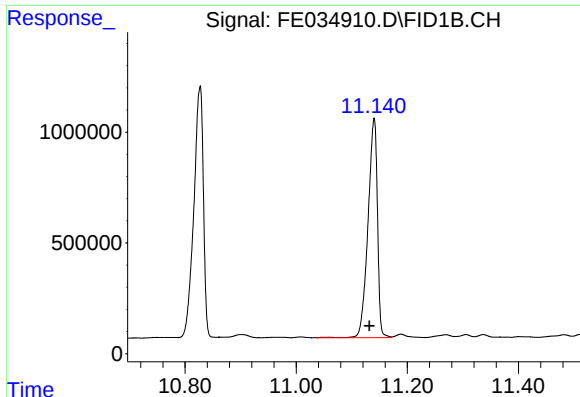
#7 n-Hexadecane (C16)

R.T.: 9.389 min
Delta R.T.: 0.006 min
Response: 13401407
Conc: 51.11 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.827 min
Delta R.T.: 0.010 min
Response: 13550273
Conc: 50.82 ug/ml



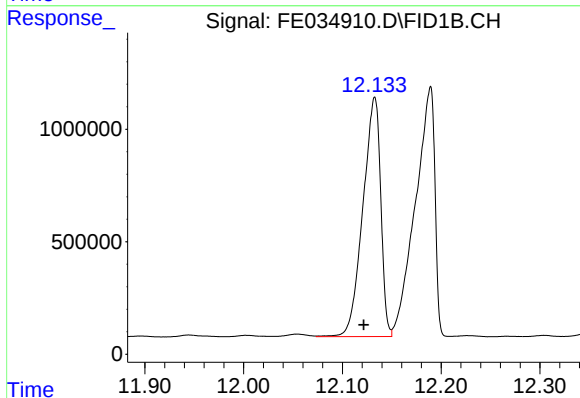
#9 ortho-Terphenyl (SURR)

R.T.: 11.140 min
Delta R.T.: 0.008 min
Response: 11665957
Conc: 39.83 ug/ml

Instrument :
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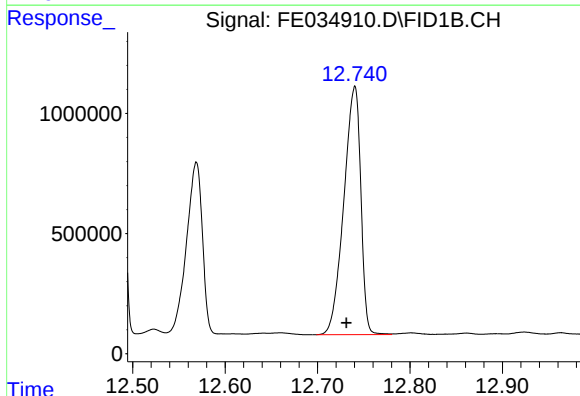
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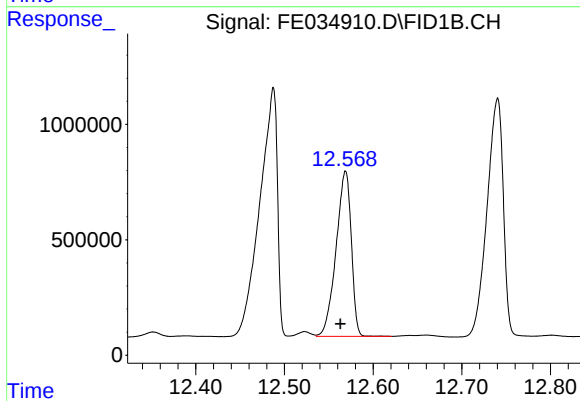
#10 n-Eicosane (C20)

R.T.: 12.133 min
Delta R.T.: 0.011 min
Response: 13335420
Conc: 51.06 ug/ml



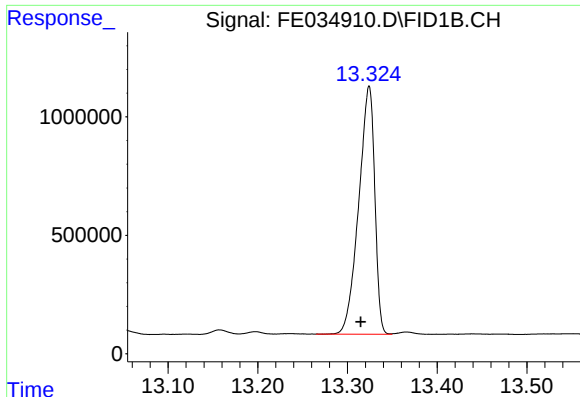
#11 n-Heneicosane (C21)

R.T.: 12.740 min
Delta R.T.: 0.009 min
Response: 13206820
Conc: 50.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.569 min
Delta R.T.: 0.006 min
Response: 8532732
Conc: 38.16 ug/ml



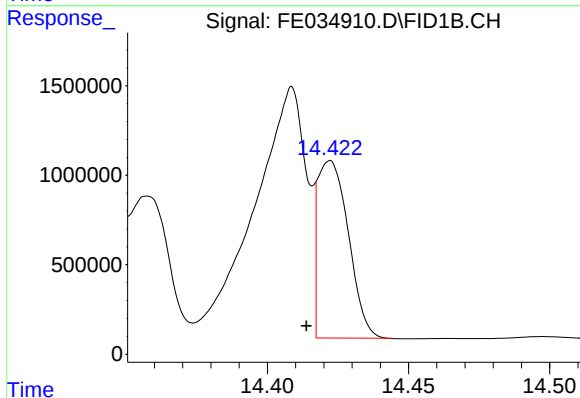
#13 n-Docosane (C22)

R.T.: 13.324 min
Delta R.T.: 0.009 min
Response: 13005706
Conc: 50.45 ug/ml

Instrument :
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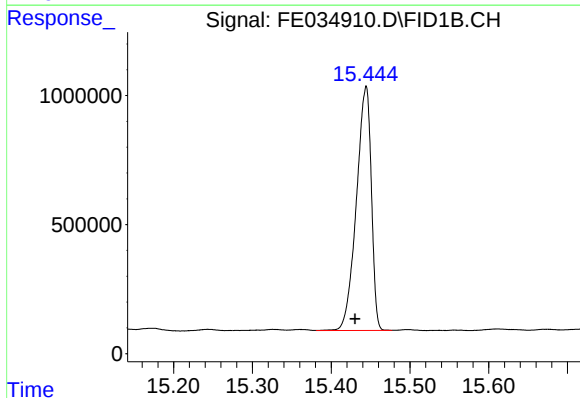
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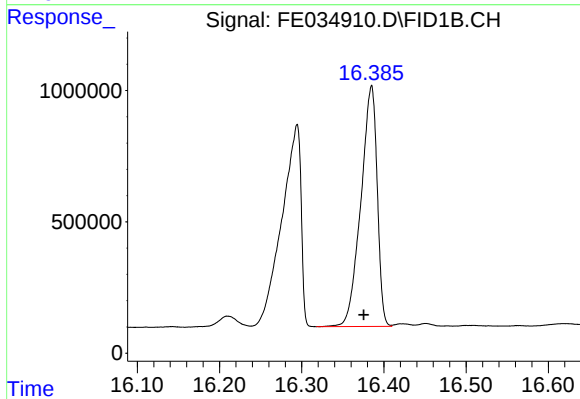
#14 n-Tetracosane (C24)

R.T.: 14.422 min
Delta R.T.: 0.008 min
Response: 7345333
Conc: 28.97 ug/ml m



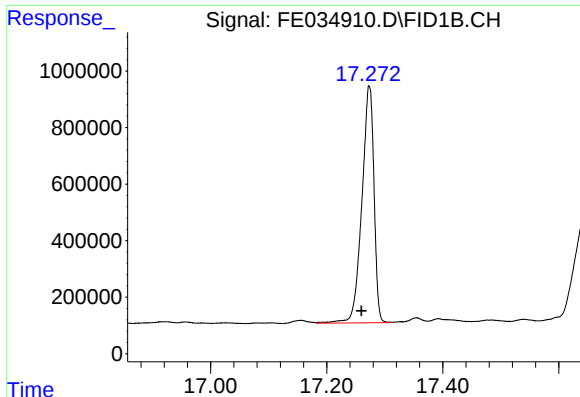
#15 n-Hexacosane (C26)

R.T.: 15.444 min
Delta R.T.: 0.014 min
Response: 12470109
Conc: 51.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.385 min
Delta R.T.: 0.009 min
Response: 12660278
Conc: 53.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.273 min
Delta R.T.: 0.013 min
Response: 12167857
Conc: 52.91 ug/ml

Instrument :

FID_E

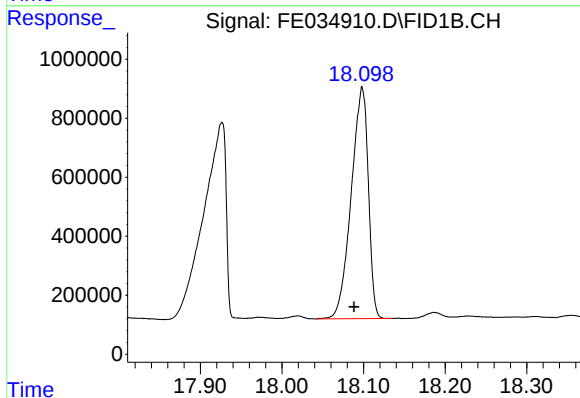
ClientSampleId :

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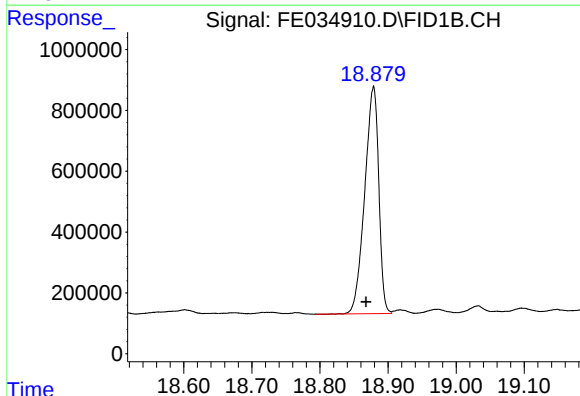
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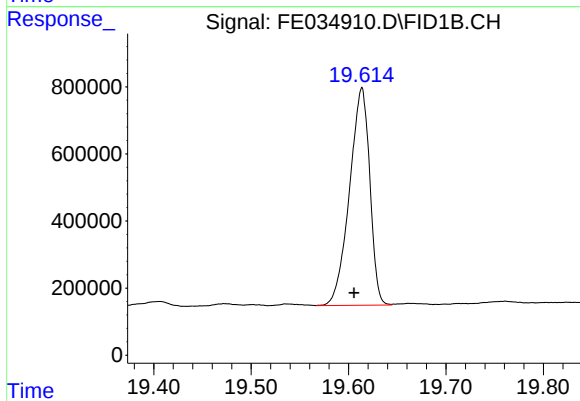
#18 n-Dotriacontane (C32)

R.T.: 18.098 min
Delta R.T.: 0.010 min
Response: 11428521
Conc: 53.47 ug/ml



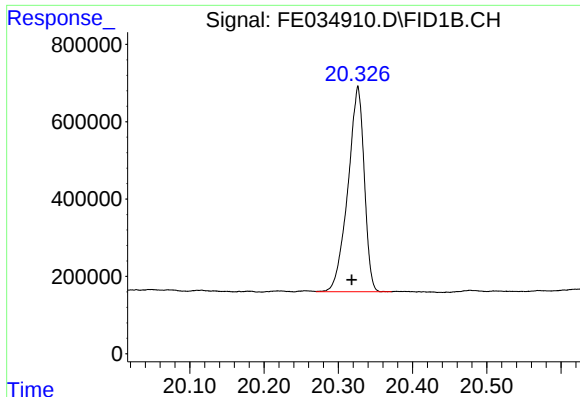
#19 n-Tetratriacontane (C34)

R.T.: 18.879 min
Delta R.T.: 0.011 min
Response: 10685866
Conc: 53.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.614 min
Delta R.T.: 0.008 min
Response: 9371108
Conc: 49.54 ug/ml



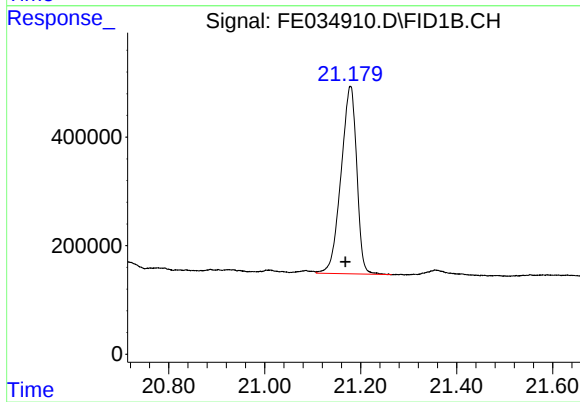
#21 n-Octatriacontane (C38)

R.T.: 20.327 min
Delta R.T.: 0.008 min
Response: 8109718
Conc: 44.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.179 min
Delta R.T.: 0.010 min
Response: 7855014
Conc: 42.88 ug/ml