

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121422AL\
 Data File : FE039302.D
 Signal(s) : FID1B.ch
 Acq On : 14 Dec 2022 15:38
 Operator : YP\AJ
 Sample : PB149634BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB149634BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2022
 Supervised By :Ankita Jodhani 12/15/2022

Integration File: autoint1.e
 Quant Time: Dec 14 16:41:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.943	6908634	44.162 ug/ml
Spiked Amount 50.000		Recovery =	88.32%
12) S 1-chlorooctadecane (S...	13.377	5544146	45.918 ug/ml
Spiked Amount 50.000		Recovery =	91.84%
Target Compounds			
1) T n-Nonane (C9)	3.341	4775871	33.693 ug/ml
2) T n-Decane (C10)	4.587	5023657	36.043 ug/ml
3) T A~Naphthalene (C11.7)	6.287	5684448	35.739 ug/ml
4) T n-Dodecane (C12)	6.747	5530197	39.233 ug/ml
5) T A~2-methylnaphthalene...	7.382	5826954	38.933 ug/ml
6) T n-Tetradecane (C14)	8.575	6207088	43.460 ug/ml
7) T n-Hexadecane (C16)	10.181	6852983	46.871 ug/ml
8) T n-Octadecane (C18)	11.625	7228567	49.124 ug/ml
10) T n-Eicosane (C20)	12.934	7072309	49.818 ug/ml
11) T n-Heneicosane (C21)	13.545	6951730	48.922 ug/ml
13) T n-Docosane (C22)	14.131	6920370	49.506 ug/ml
14) T n-Tetracosane (C24)	15.236	2647071	19.167 ug/mlm
15) T n-Hexacosane (C26)	16.257	6590616	49.069 ug/ml
16) T n-Octacosane (C28)	17.205	6503746	48.975 ug/ml
17) T n-Tricontane (C30)	18.094	6215922	47.069 ug/ml
18) T n-Dotriacontane (C32)	18.925	6088976	45.656 ug/ml
19) T n-Tetratriacontane (C34)	19.710	5799444	43.828 ug/ml
20) T n-Hexatriacontane (C36)	20.449	4816423	37.490 ug/ml
21) T n-Octatriacontane (C38)	21.188	3986424	30.422 ug/ml
22) T n-Tetracontane (C40)	22.106	3655436	26.845 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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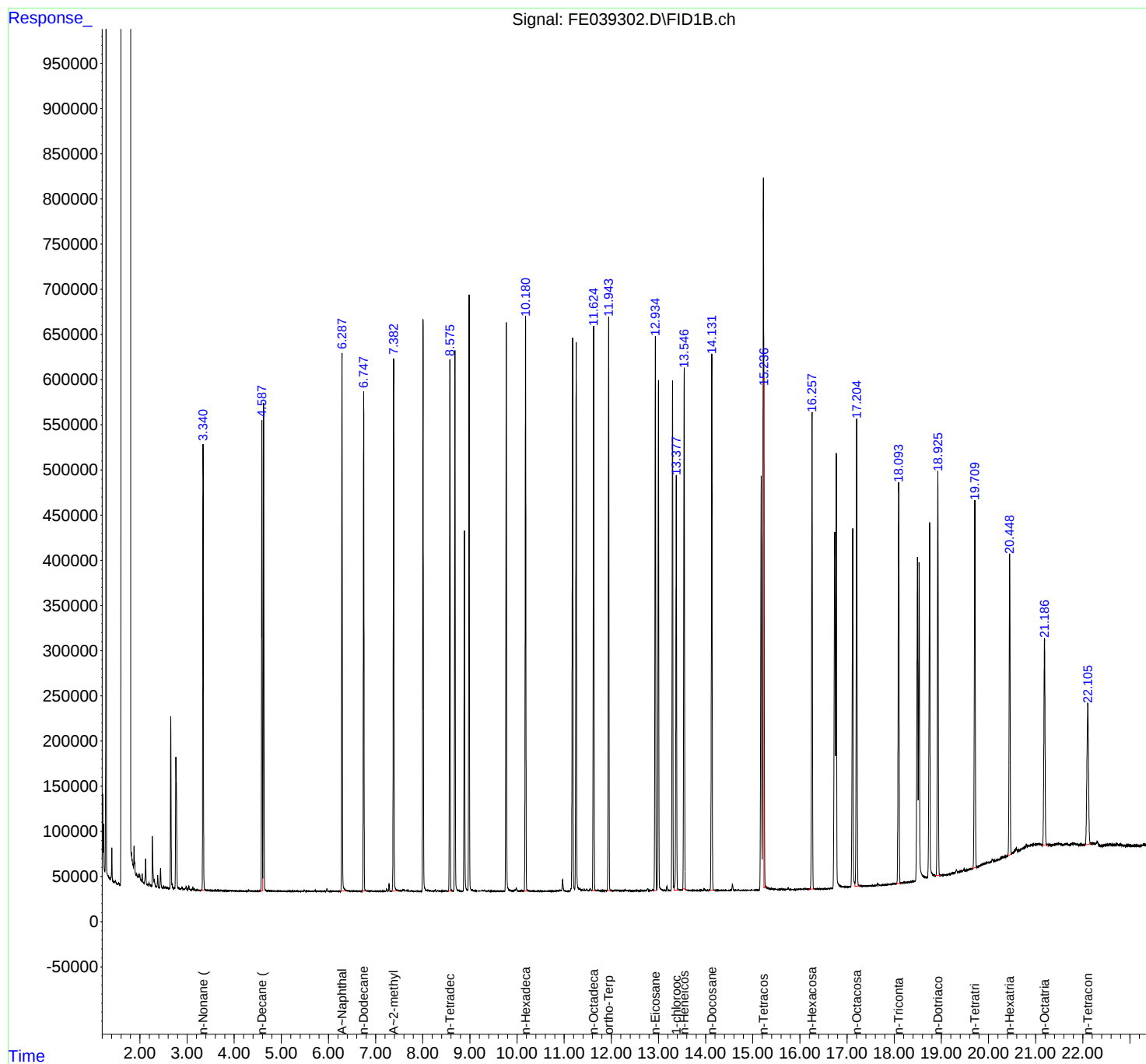
Instrument :
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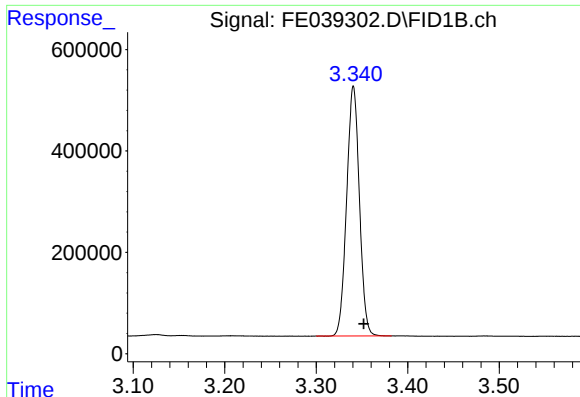
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#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: -0.011 min
Response: 4775871
Conc: 33.69 ug/ml

Instrument :

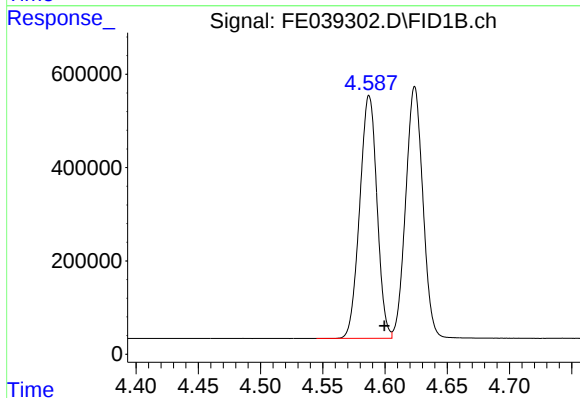
FID_E

ClientSampleId :

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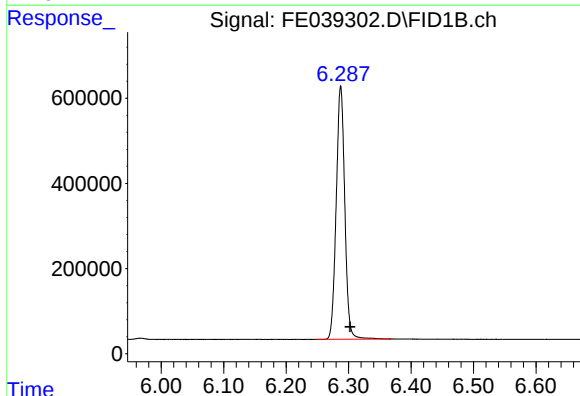
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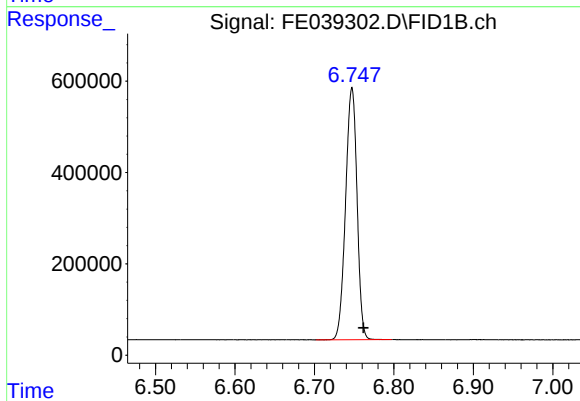
#2 n-Decane (C10)

R.T.: 4.587 min
Delta R.T.: -0.012 min
Response: 5023657
Conc: 36.04 ug/ml



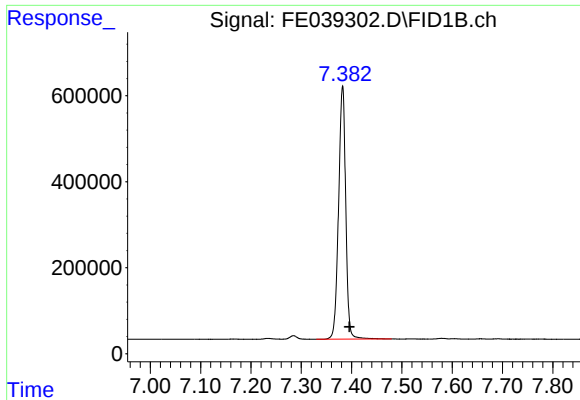
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.015 min
Response: 5684448
Conc: 35.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.014 min
Response: 5530197
Conc: 39.23 ug/ml



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

R.T.: 7.382 min
Delta R.T.: -0.014 min
Response: 5826954
Conc: 38.93 ug/ml

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FID_E

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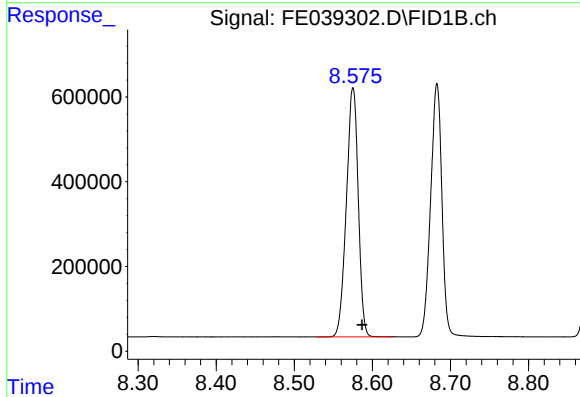
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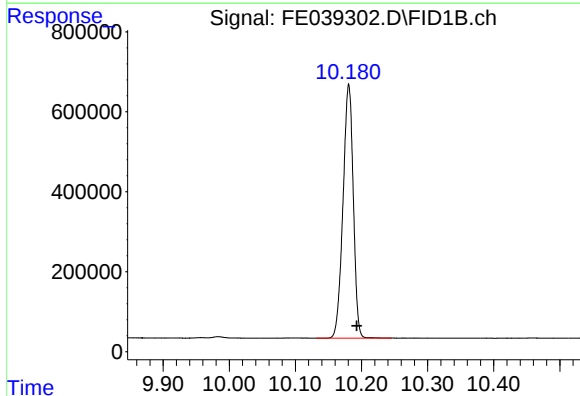
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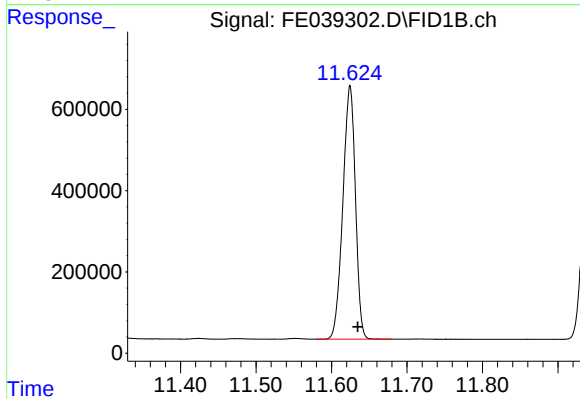
#6 n-Tetradecane (C14)

R.T.: 8.575 min
Delta R.T.: -0.012 min
Response: 6207088
Conc: 43.46 ug/ml



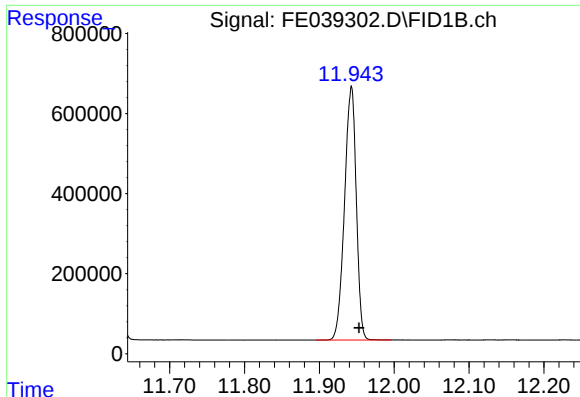
#7 n-Hexadecane (C16)

R.T.: 10.181 min
Delta R.T.: -0.012 min
Response: 6852983
Conc: 46.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: -0.010 min
Response: 7228567
Conc: 49.12 ug/ml



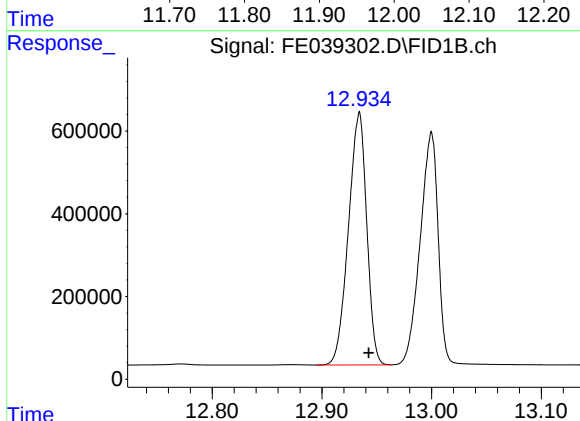
#9 ortho-Terphenyl (SURR)

R.T.: 11.943 min
Delta R.T.: -0.010 min
Response: 6908634
Conc: 44.16 ug/ml

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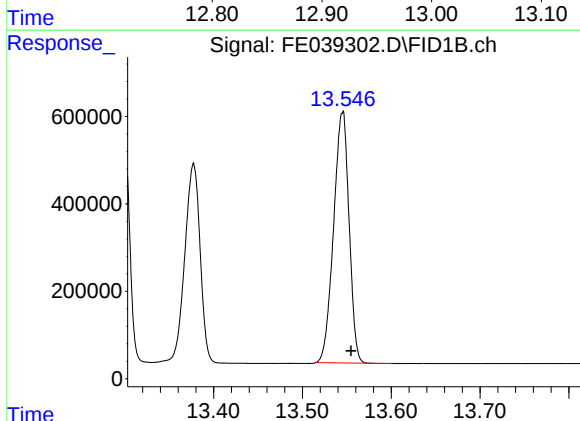
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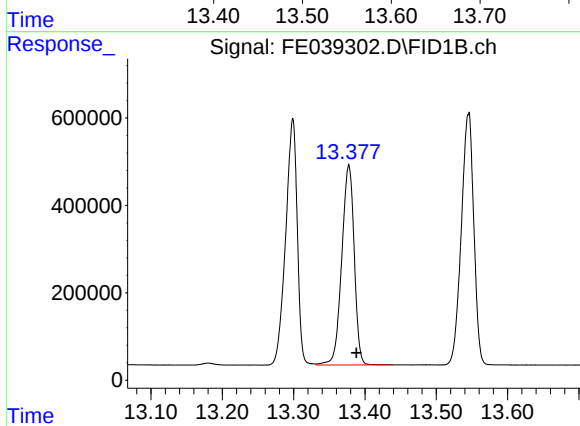
#10 n-Eicosane (C20)

R.T.: 12.934 min
Delta R.T.: -0.009 min
Response: 7072309
Conc: 49.82 ug/ml



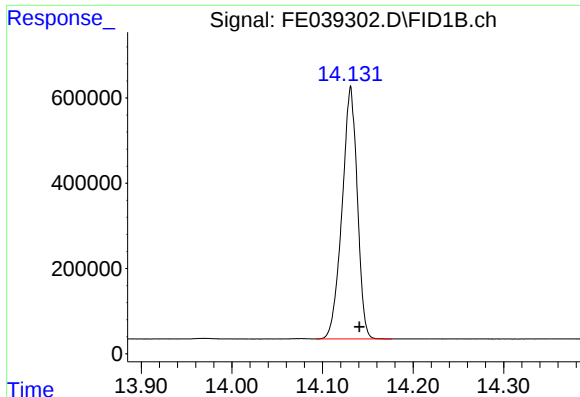
#11 n-Heneicosane (C21)

R.T.: 13.545 min
Delta R.T.: -0.010 min
Response: 6951730
Conc: 48.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: -0.011 min
Response: 5544146
Conc: 45.92 ug/ml



#13 n-Docosane (C22)

R.T.: 14.131 min
Delta R.T.: -0.010 min
Response: 6920370
Conc: 49.51 ug/ml

Instrument :

FID_E

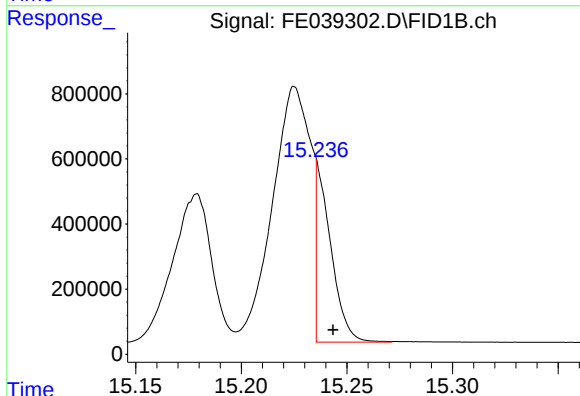
ClientSampleId :

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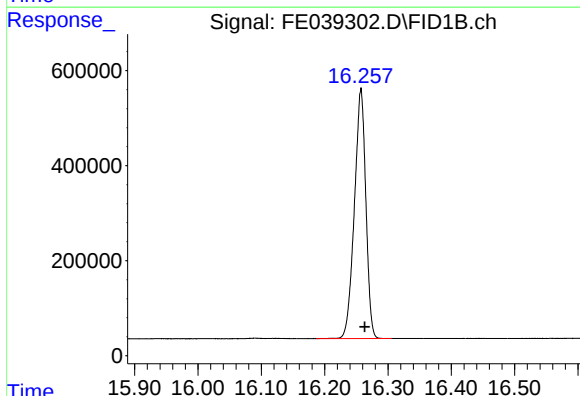
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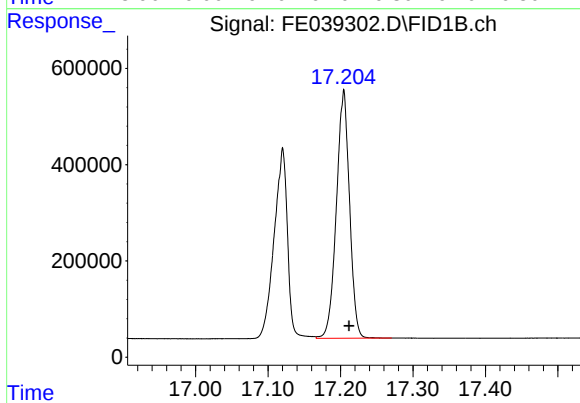
#14 n-Tetracosane (C24)

R.T.: 15.236 min
Delta R.T.: -0.008 min
Response: 2647071
Conc: 19.17 ug/ml m



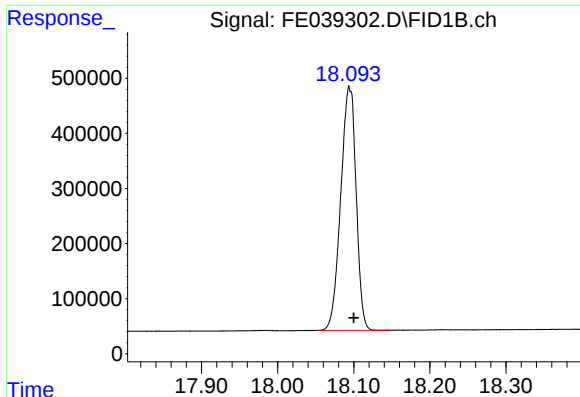
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.006 min
Response: 6590616
Conc: 49.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: -0.007 min
Response: 6503746
Conc: 48.97 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.094 min
Delta R.T.: -0.006 min
Response: 6215922
Conc: 47.07 ug/ml

Instrument :

FID_E

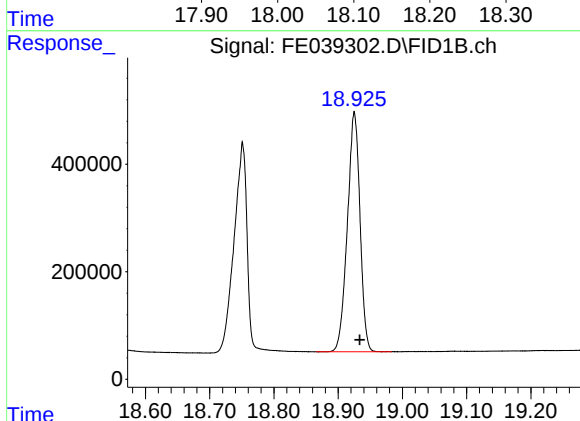
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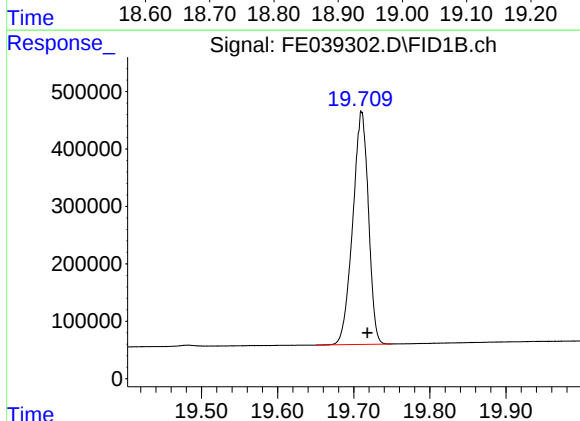
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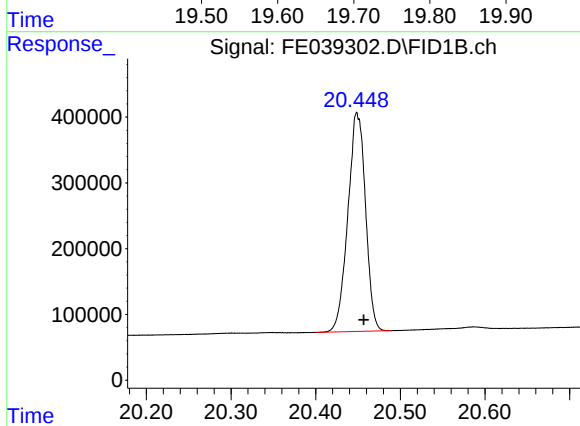
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.008 min
Response: 6088976
Conc: 45.66 ug/ml



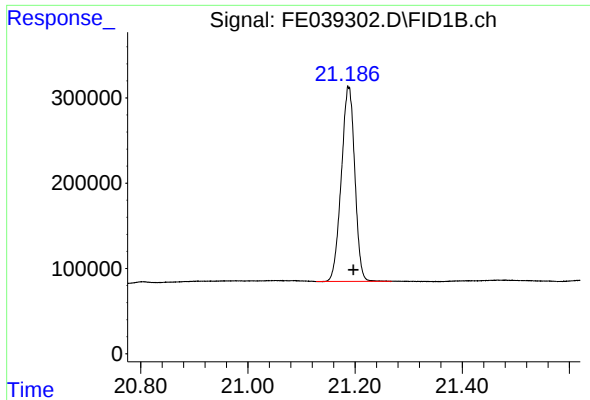
#19 n-Tetratriacontane (C34)

R.T.: 19.710 min
Delta R.T.: -0.007 min
Response: 5799444
Conc: 43.83 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.449 min
Delta R.T.: -0.008 min
Response: 4816423
Conc: 37.49 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.188 min
Delta R.T.: -0.009 min
Response: 3986424
Conc: 30.42 ug/ml

Instrument :

FID_E

ClientSampleId :

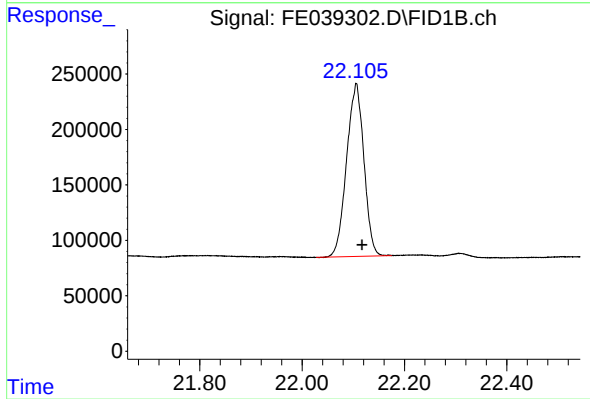
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#22 n-Tetracontane (C40)

R.T.: 22.106 min
Delta R.T.: -0.012 min
Response: 3655436
Conc: 26.85 ug/ml