

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110122AL\
 Data File : FE038491.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2022 17:13
 Operator : YP\AJ
 Sample : PB148723BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB148723BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/02/2022
 Supervised By :Ankita Jodhani 11/02/2022

Integration File: autoint1.e
 Quant Time: Nov 02 07:03:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 102522.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 26 04:49:29 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)	11.972	7508599	43.636 ug/ml
Spiked Amount	50.000	Recovery	= 87.27%
12) S 1-chlorooctadecane (S...	13.403	5989601	43.751 ug/ml
Spiked Amount	50.000	Recovery	= 87.50%
Target Compounds			
1) T n-Nonane (C9)	3.380	6699919	43.503 ug/ml
2) T n-Decane (C10)	4.622	6946136	44.750 ug/ml
3) T A~Naphthalene (C11.7)	6.319	7725922	45.620 ug/ml
4) T n-Dodecane (C12)	6.778	7493436	47.968 ug/ml
5) T A~2-methylnaphthalene...	7.413	7724856	46.095 ug/ml
6) T n-Tetradecane (C14)	8.605	7914887	50.610 ug/ml
7) T n-Hexadecane (C16)	10.210	8077957	51.130 ug/ml
8) T n-Octadecane (C18)	11.652	8168023	50.993 ug/ml
10) T n-Eicosane (C20)	12.959	7858601	48.773 ug/ml
11) T n-Heneicosane (C21)	13.570	7767579	48.086 ug/ml
13) T n-Docosane (C22)	14.156	7641930	47.336 ug/ml
14) T n-Tetracosane (C24)	15.249	14560970	90.780 ug/ml
15) T n-Hexacosane (C26)	16.279	7308487	46.013 ug/ml
16) T n-Octacosane (C28)	17.226	7283879	46.426 ug/ml
17) T n-Tricontane (C30)	18.114	7040994	44.128 ug/ml
18) T n-Dotriacontane (C32)	18.943	7107523	45.078 ug/ml
19) T n-Tetratriacontane (C34)	19.727	7146032	48.472 ug/mlm
20) T n-Hexatriacontane (C36)	20.465	7045279	49.307 ug/ml
21) T n-Octatriacontane (C38)	21.207	7265900	53.796 ug/ml
22) T n-Tetracontane (C40)	22.137	7904989	62.624 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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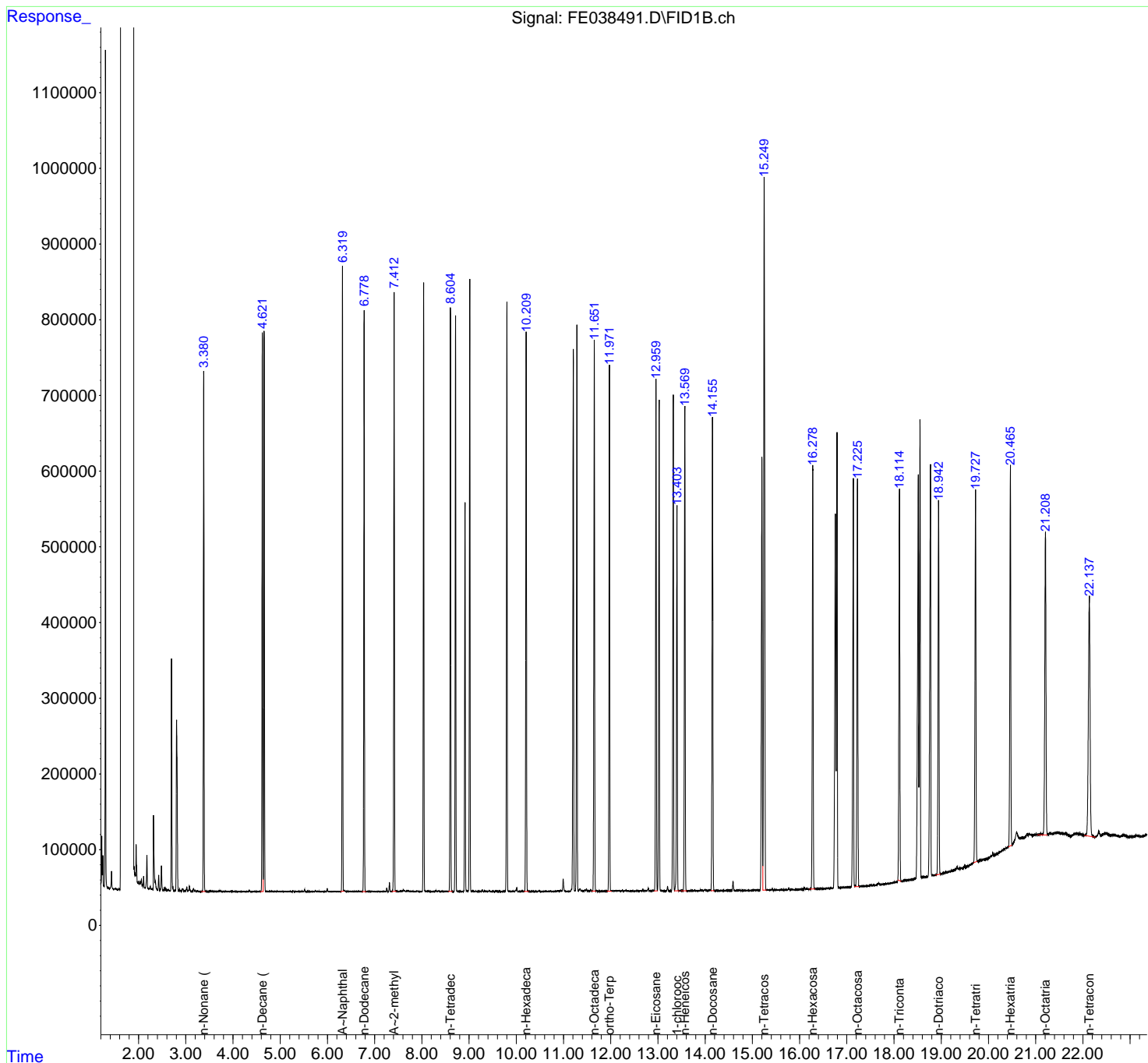
FID_E
 ClientSampleId :
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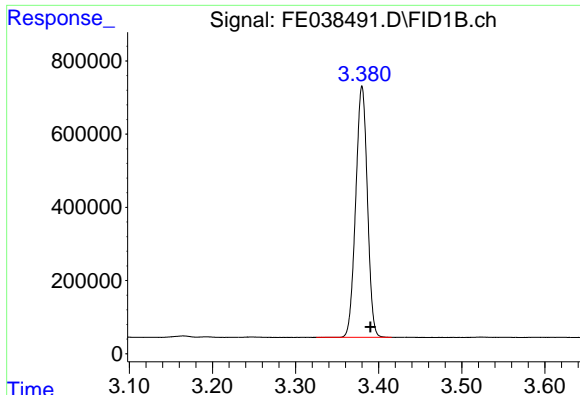
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#1 n-Nonane (C9)

R.T.: 3.380 min
 Delta R.T.: -0.010 min
 Response: 6699919
 Conc: 43.50 ug/ml

Instrument :

FID_E

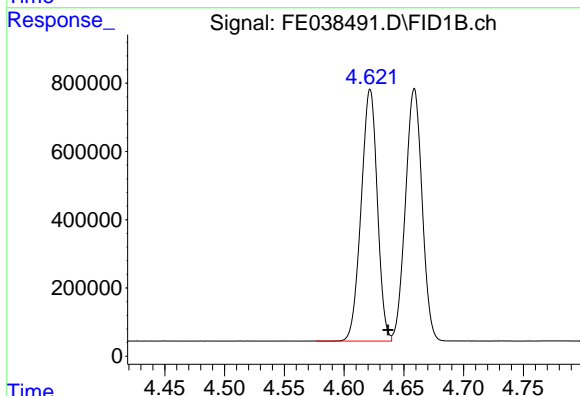
ClientSampleId :

PB148723BSD

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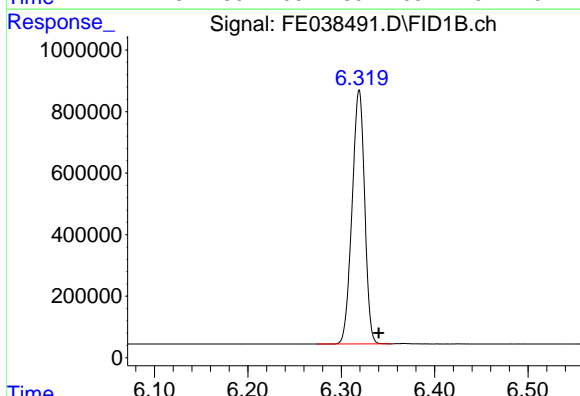
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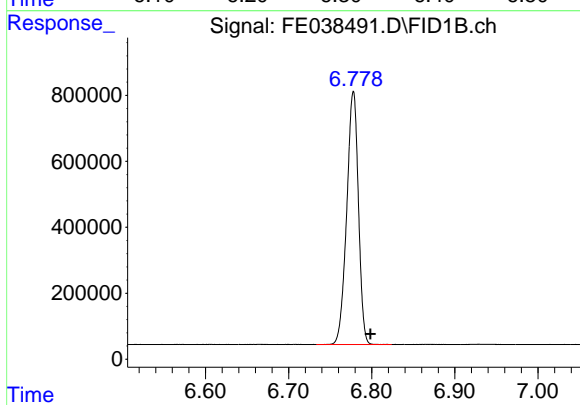
#2 n-Decane (C10)

R.T.: 4.622 min
 Delta R.T.: -0.015 min
 Response: 6946136
 Conc: 44.75 ug/ml



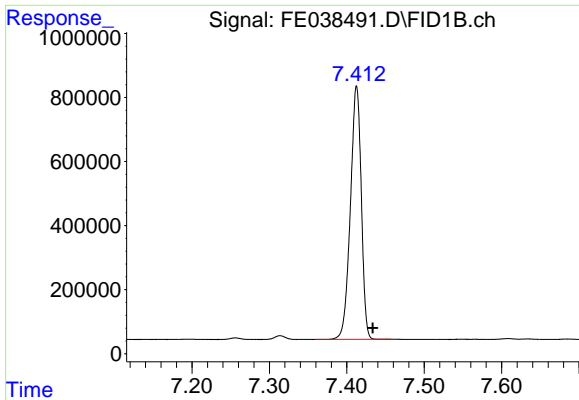
#3 A~Naphthalene (C11.7)

R.T.: 6.319 min
 Delta R.T.: -0.021 min
 Response: 7725922
 Conc: 45.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.778 min
 Delta R.T.: -0.020 min
 Response: 7493436
 Conc: 47.97 ug/ml



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

R.T.: 7.413 min
 Delta R.T.: -0.021 min
 Response: 7724856
 Conc: 46.10 ug/ml

Instrument :

FID_E

ClientSampleId :

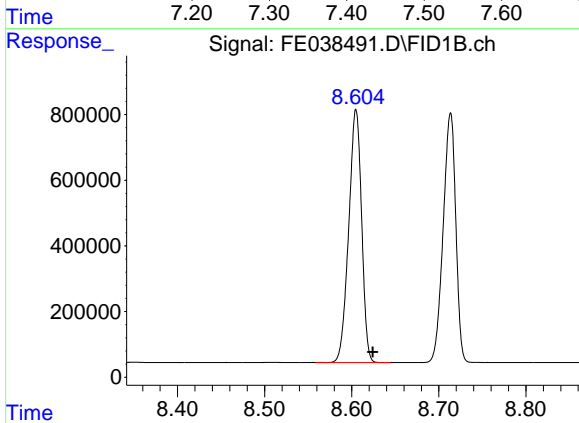
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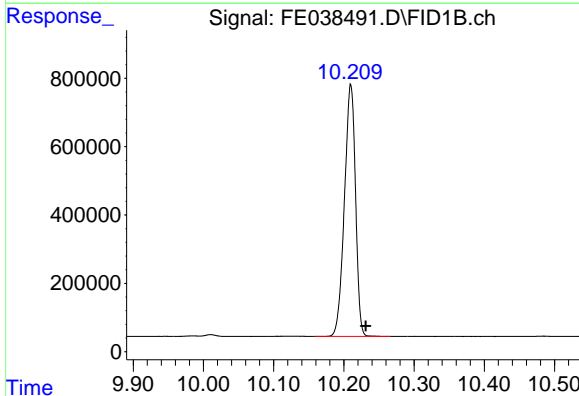
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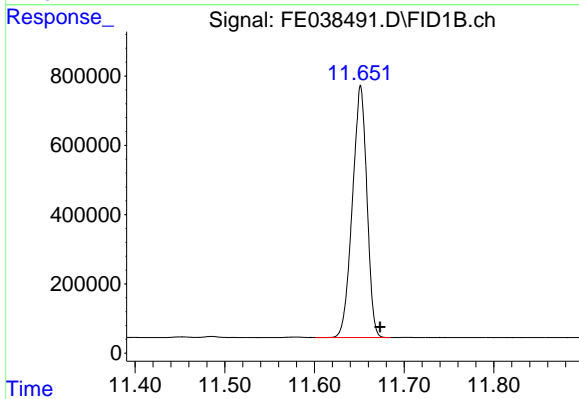
#6 n-Tetradecane (C14)

R.T.: 8.605 min
 Delta R.T.: -0.019 min
 Response: 7914887
 Conc: 50.61 ug/ml



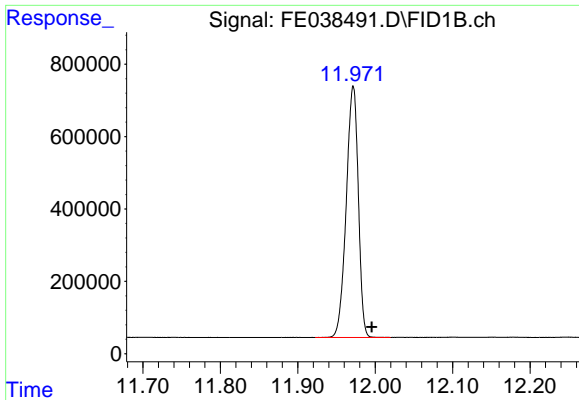
#7 n-Hexadecane (C16)

R.T.: 10.210 min
 Delta R.T.: -0.021 min
 Response: 8077957
 Conc: 51.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.652 min
 Delta R.T.: -0.022 min
 Response: 8168023
 Conc: 50.99 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.972 min
 Delta R.T.: -0.024 min
 Response: 7508599
 Conc: 43.64 ug/ml

Instrument :

FID_E

ClientSampleId :

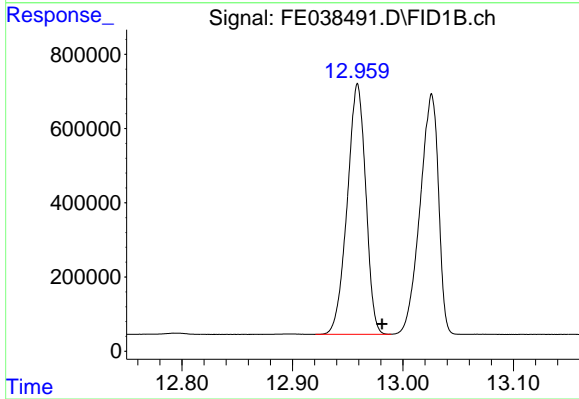
PB148723BSD

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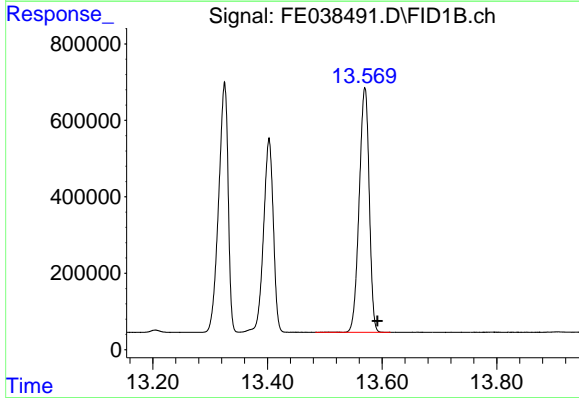
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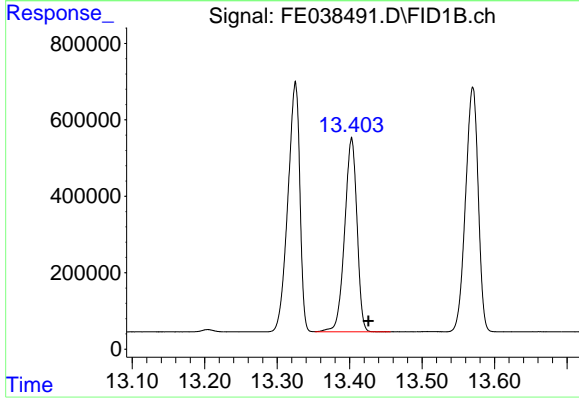
#10 n-Eicosane (C20)

R.T.: 12.959 min
 Delta R.T.: -0.022 min
 Response: 7858601
 Conc: 48.77 ug/ml



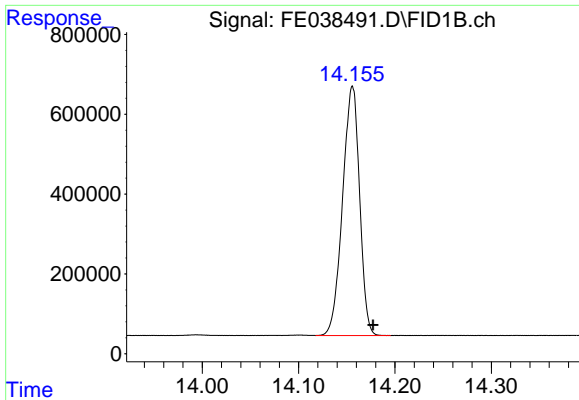
#11 n-Heneicosane (C21)

R.T.: 13.570 min
 Delta R.T.: -0.022 min
 Response: 7767579
 Conc: 48.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.403 min
 Delta R.T.: -0.023 min
 Response: 5989601
 Conc: 43.75 ug/ml



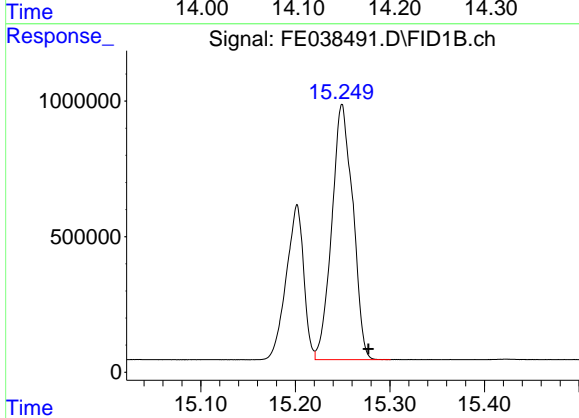
#13 n-Docosane (C22)
 R.T.: 14.156 min
 Delta R.T.: -0.022 min
 Response: 7641930
 Conc: 47.34 ug/ml

Instrument :
 FID_E

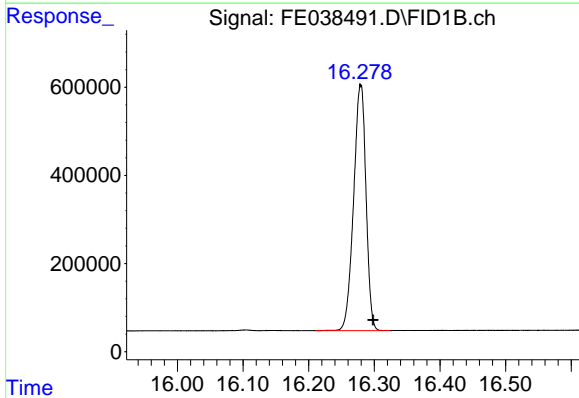
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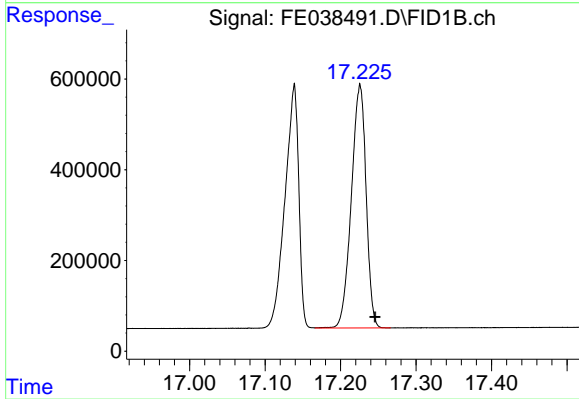
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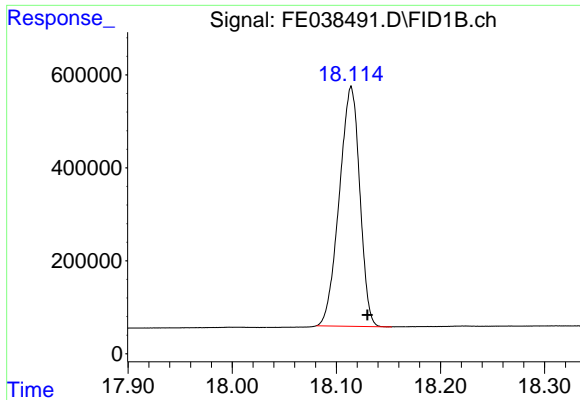
#14 n-Tetracosane (C24)
 R.T.: 15.249 min
 Delta R.T.: -0.028 min
 Response: 14560970
 Conc: 90.78 ug/ml



#15 n-Hexacosane (C26)
 R.T.: 16.279 min
 Delta R.T.: -0.019 min
 Response: 7308487
 Conc: 46.01 ug/ml



#16 n-Octacosane (C28)
 R.T.: 17.226 min
 Delta R.T.: -0.020 min
 Response: 7283879
 Conc: 46.43 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.114 min
 Delta R.T.: -0.015 min
 Response: 7040994
 Conc: 44.13 ug/ml

Instrument :

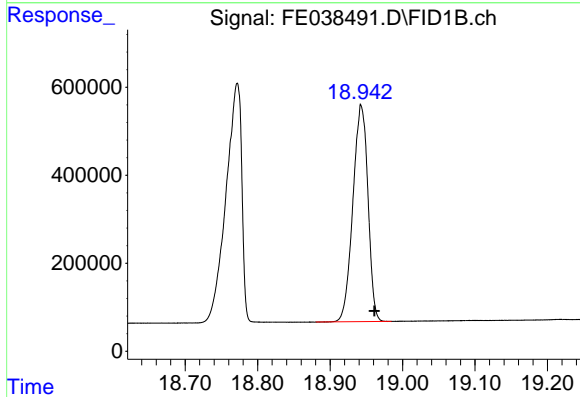
FID_E

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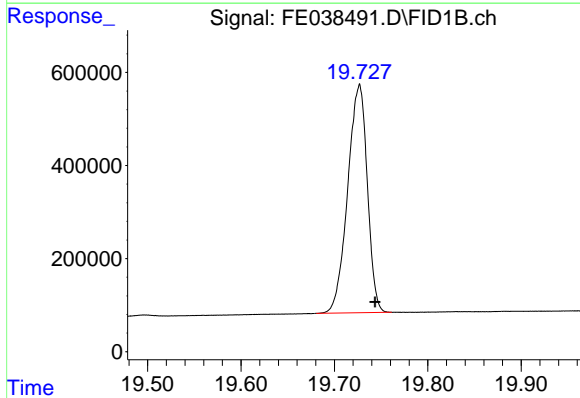
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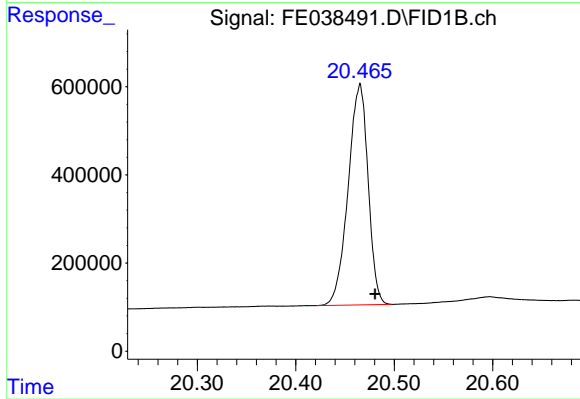
#18 n-Dotriacontane (C32)

R.T.: 18.943 min
 Delta R.T.: -0.018 min
 Response: 7107523
 Conc: 45.08 ug/ml



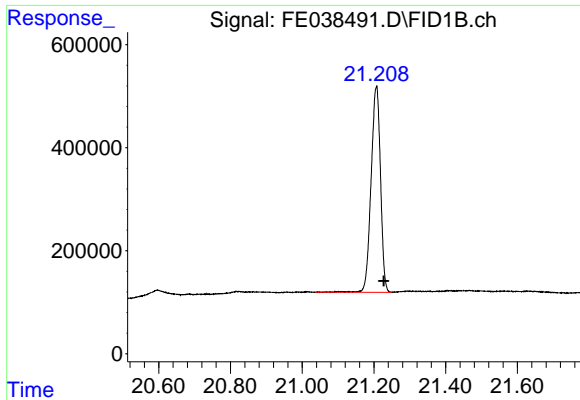
#19 n-Tetratriacontane (C34)

R.T.: 19.727 min
 Delta R.T.: -0.017 min
 Response: 7146032
 Conc: 48.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
 Delta R.T.: -0.015 min
 Response: 7045279
 Conc: 49.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
 Delta R.T.: -0.020 min
 Response: 7265900
 Conc: 53.80 ug/ml

Instrument :

FID_E

ClientSampleId :

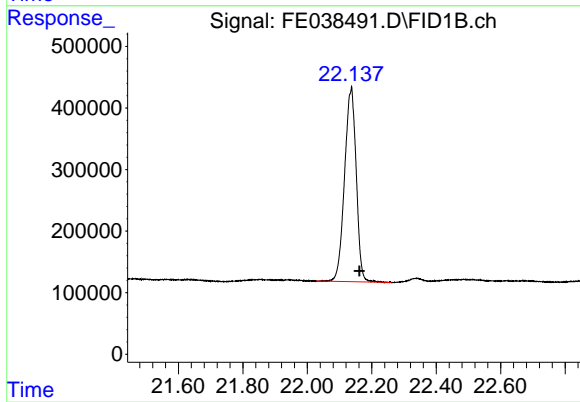
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#22 n-Tetracontane (C40)

R.T.: 22.137 min
 Delta R.T.: -0.025 min
 Response: 7904989
 Conc: 62.62 ug/ml