

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062223AL\
 Data File : FE042805.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jun 2023 18:01
 Operator : YP\AJ
 Sample : PB153686BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB153686BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/23/2023
 Supervised By :Ankita Jodhani 06/23/2023

Integration File: autoint1.e
 Quant Time: Jun 23 02:27:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 21 11:03:59 2023
 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)	11.929	7666389	41.732 ug/ml
Spiked Amount 50.000		Recovery =	83.46%
12) S 1-chlorooctadecane (S...	13.363	6189967	45.484 ug/ml
Spiked Amount 50.000		Recovery =	90.97%
Target Compounds			
1) T n-Nonane (C9)	3.318	7405040	47.938 ug/ml
2) T n-Decane (C10)	4.565	7879232	49.882 ug/ml
3) T A~Naphthalene (C11.7)	6.268	8683309	51.282 ug/ml
4) T n-Dodecane (C12)	6.728	8283274	51.749 ug/ml
5) T A~2-methylnaphthalene...	7.365	8406434	51.848 ug/ml
6) T n-Tetradecane (C14)	8.559	8556266	53.762 ug/ml
7) T n-Hexadecane (C16)	10.165	9032036	54.840 ug/ml
8) T n-Octadecane (C18)	11.610	9048063	54.435 ug/ml
10) T n-Eicosane (C20)	12.919	8968260	56.517 ug/ml
11) T n-Heneicosane (C21)	13.531	8558303	55.317 ug/ml
13) T n-Docosane (C22)	14.117	8401085	55.151 ug/ml
14) T n-Tetracosane (C24)	15.216	15606946	105.187 ug/ml
15) T n-Hexacosane (C26)	16.243	7844947	54.874 ug/ml
16) T n-Octacosane (C28)	17.191	7596450	54.771 ug/ml
17) T n-Tricontane (C30)	18.082	7542488	53.331 ug/ml
18) T n-Dotriacontane (C32)	18.912	7311275	52.127 ug/ml
19) T n-Tetratriacontane (C34)	19.695	7024187	51.329 ug/ml
20) T n-Hexatriacontane (C36)	20.435	5990468	44.793 ug/ml
21) T n-Octatriacontane (C38)	21.178	5304412	38.906 ug/ml
22) T n-Tetracontane (C40)	22.099	5002961	35.959 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: Jun 23 02:27:03 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062123.

Quant Title : GC Extractables

QLast Update : Wed Jun 21 11:03:59 2023

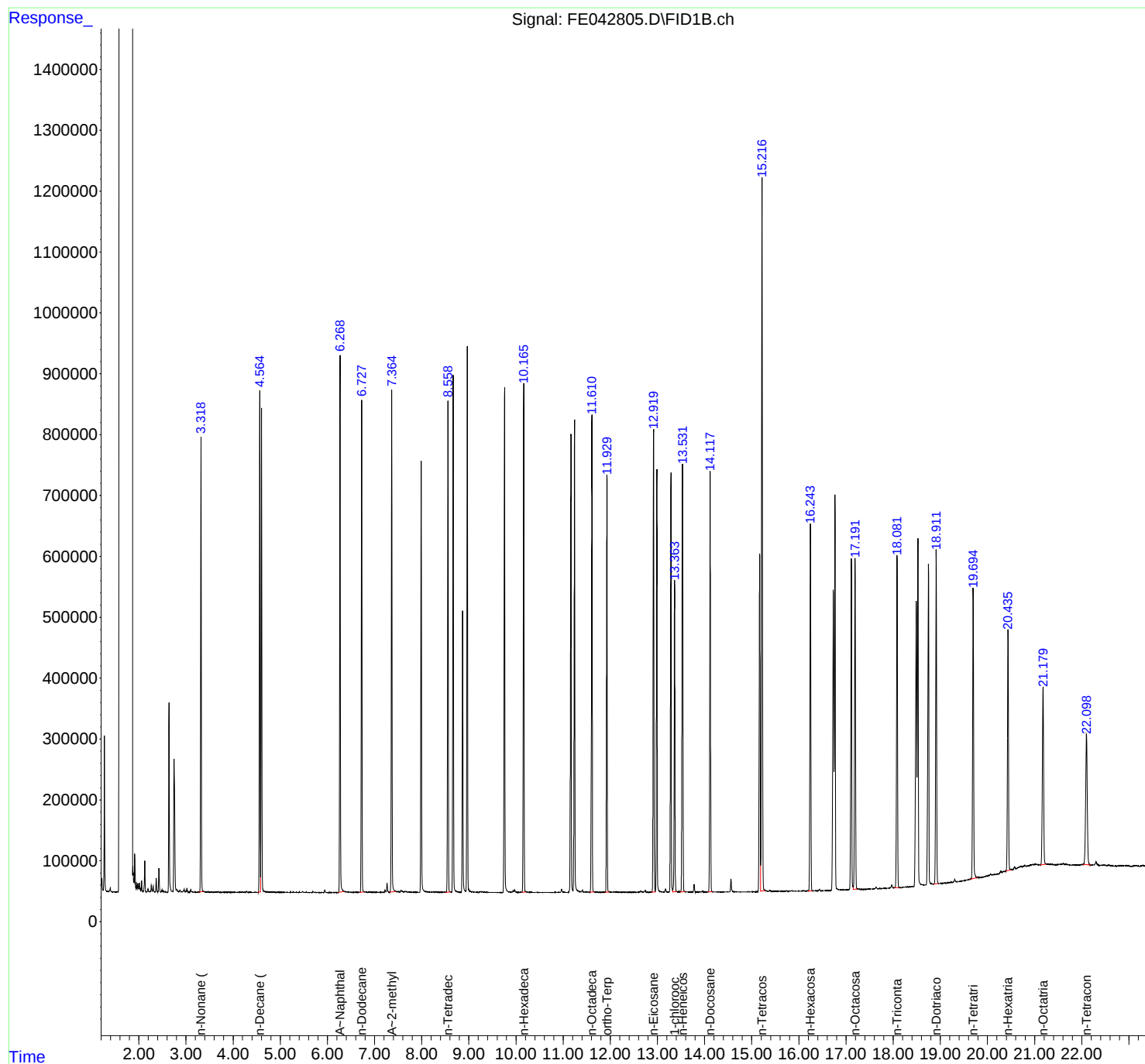
Response via : Initial Calibration

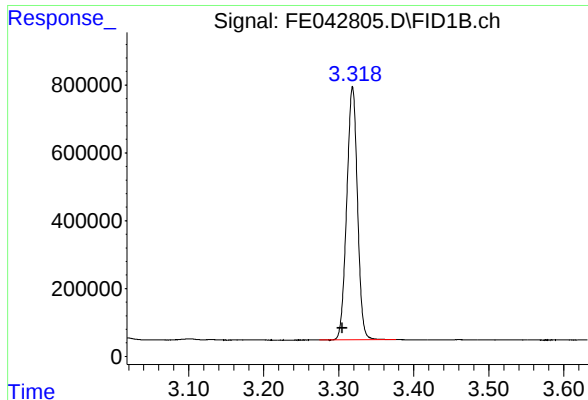
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.318 min
Delta R.T.: 0.013 min
Response: 7405040
Conc: 47.94 ug/ml

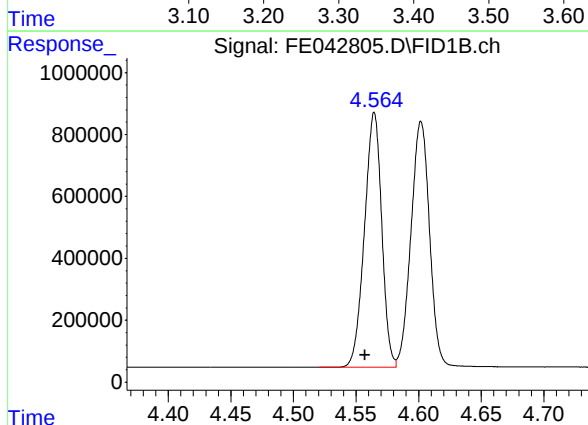
Instrument :

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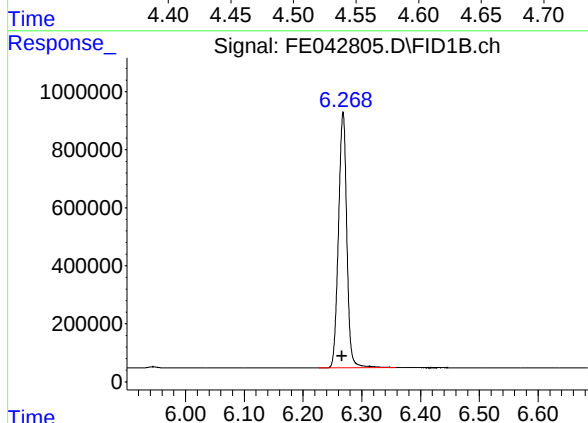
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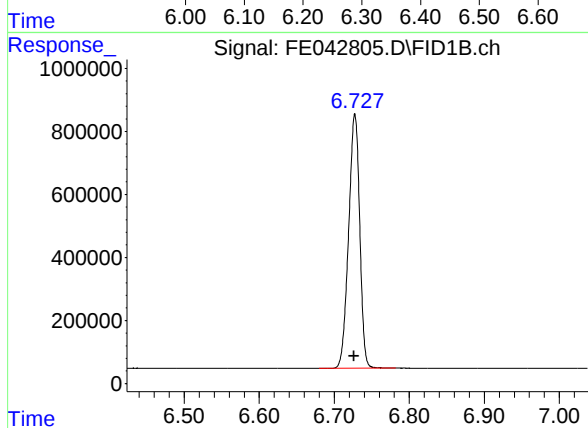
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.007 min
Response: 7879232
Conc: 49.88 ug/ml



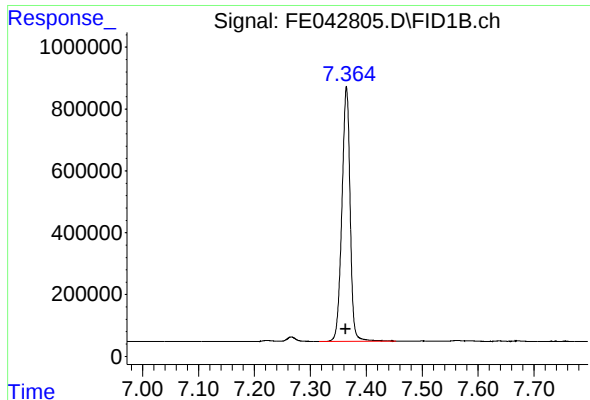
#3 A~Naphthalene (C11.7)

R.T.: 6.268 min
Delta R.T.: 0.002 min
Response: 8683309
Conc: 51.28 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.728 min
Delta R.T.: 0.001 min
Response: 8283274
Conc: 51.75 ug/ml



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

R.T.: 7.365 min
Delta R.T.: 0.001 min
Response: 8406434
Conc: 51.85 ug/ml

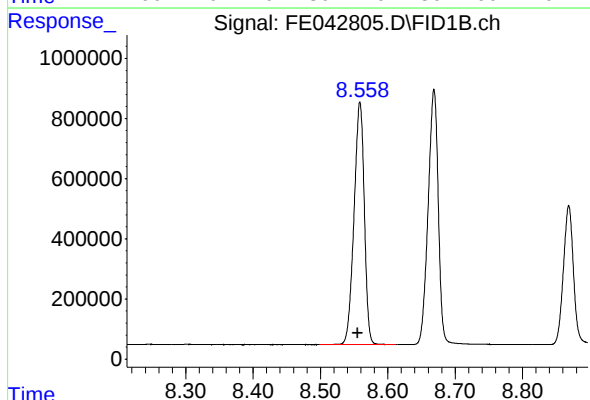
Instrument :

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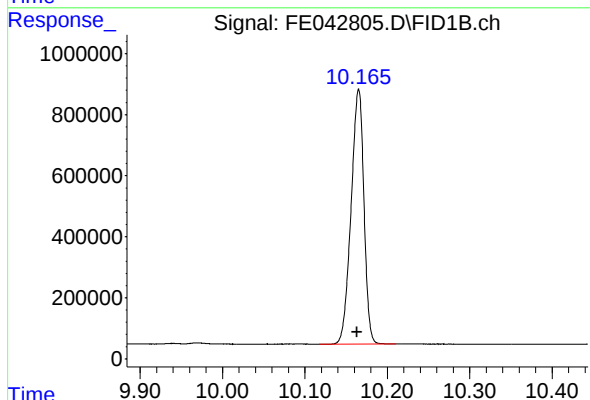
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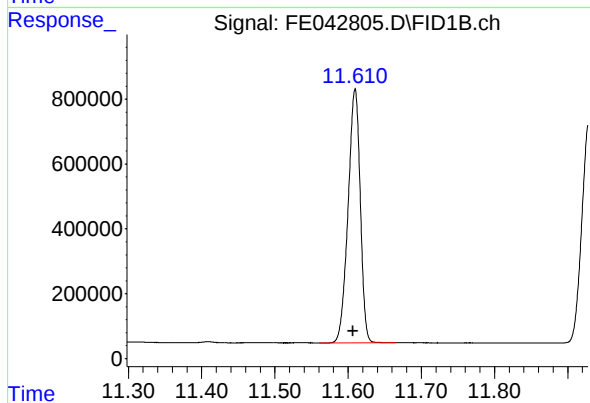
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.003 min
Response: 8556266
Conc: 53.76 ug/ml



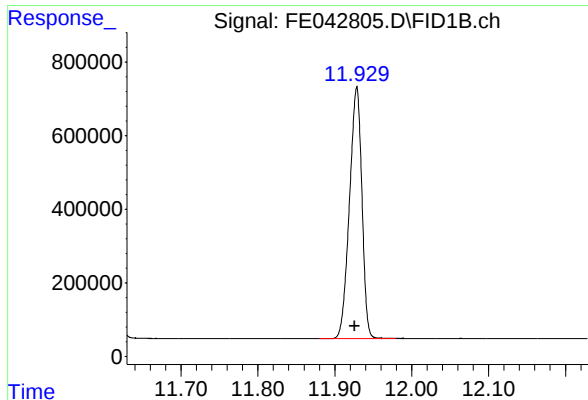
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: 0.002 min
Response: 9032036
Conc: 54.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.610 min
Delta R.T.: 0.003 min
Response: 9048063
Conc: 54.44 ug/ml



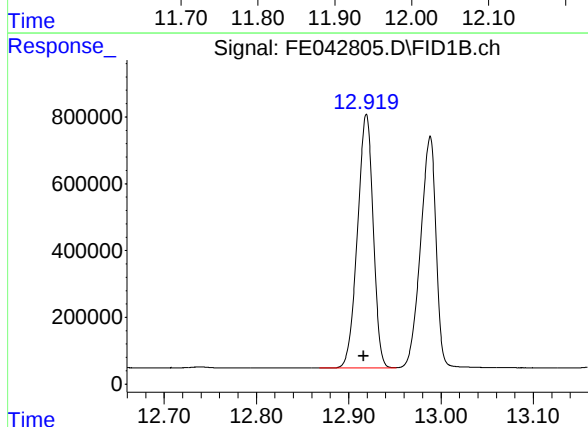
#9 ortho-Terphenyl (SURR)

R.T.: 11.929 min
Delta R.T.: 0.003 min
Response: 7666389
Conc: 41.73 ug/ml

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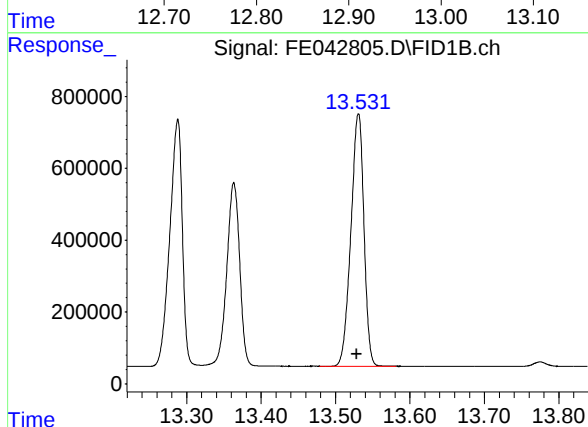
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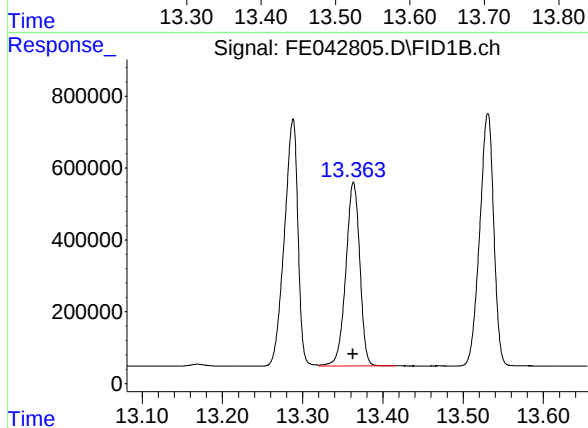
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.003 min
Response: 8968260
Conc: 56.52 ug/ml



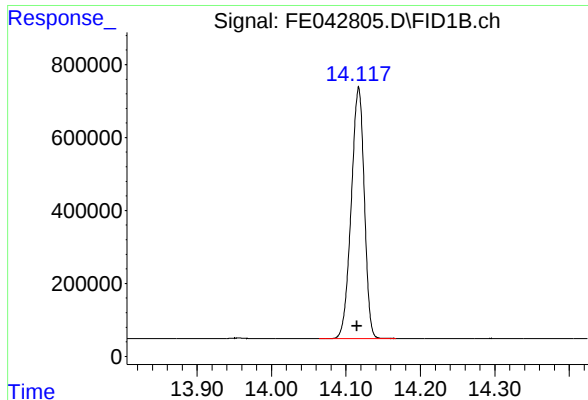
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.002 min
Response: 8558303
Conc: 55.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.363 min
Delta R.T.: 0.000 min
Response: 6189967
Conc: 45.48 ug/ml



#13 n-Docosane (C22)

R.T.: 14.117 min
Delta R.T.: 0.003 min
Response: 8401085
Conc: 55.15 ug/ml

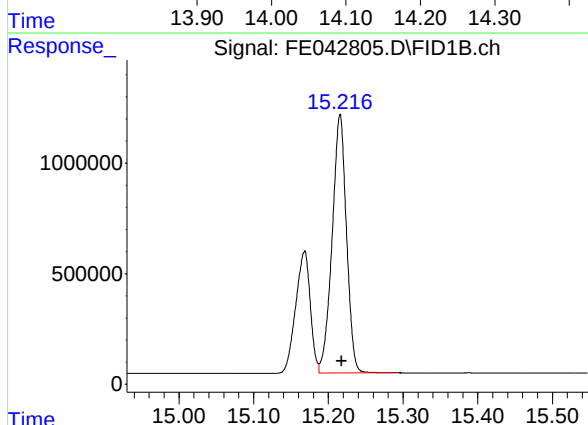
Instrument :

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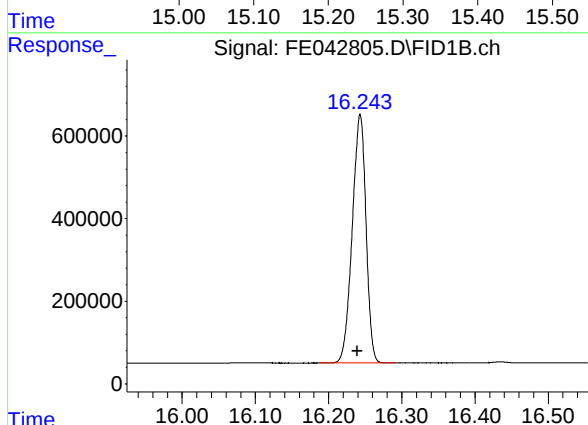
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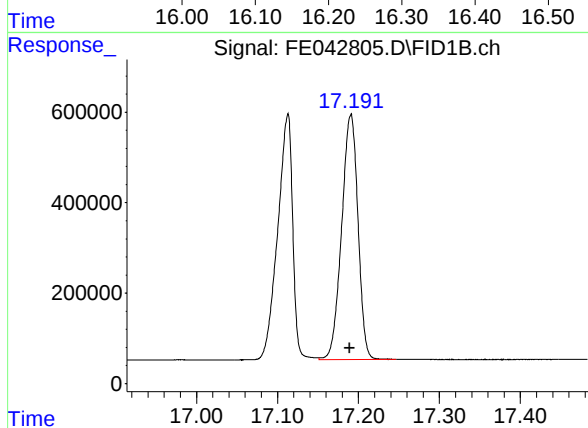
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.002 min
Response: 15606946
Conc: 105.19 ug/ml



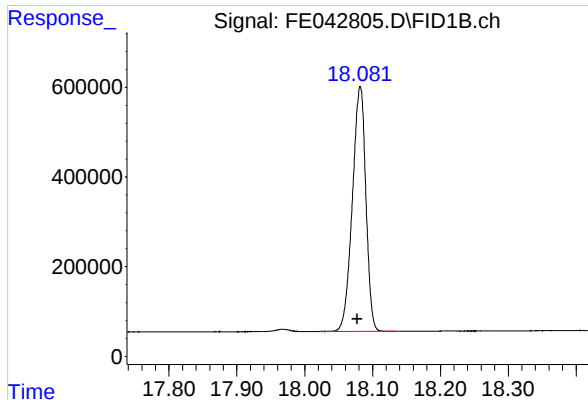
#15 n-Hexacosane (C26)

R.T.: 16.243 min
Delta R.T.: 0.004 min
Response: 7844947
Conc: 54.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.001 min
Response: 7596450
Conc: 54.77 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.082 min
Delta R.T.: 0.005 min
Response: 7542488
Conc: 53.33 ug/ml

Instrument :

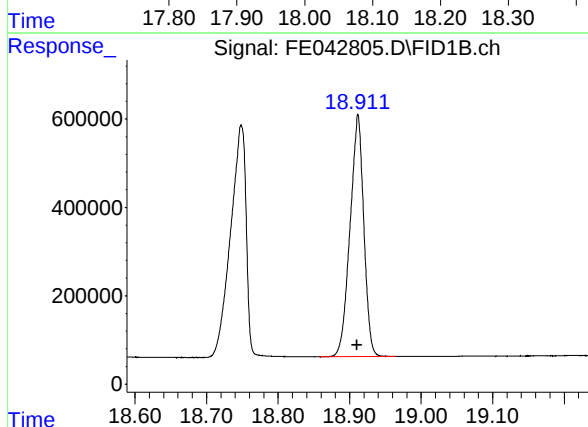
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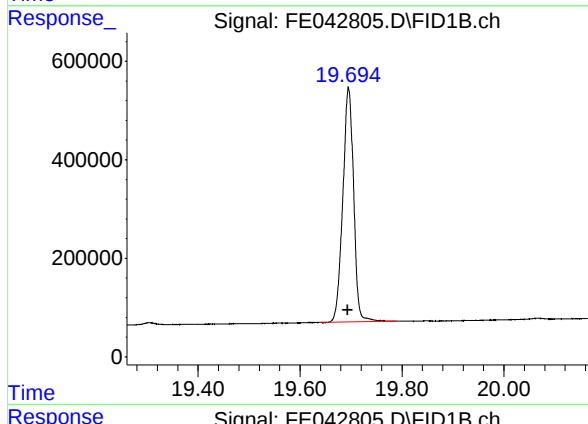
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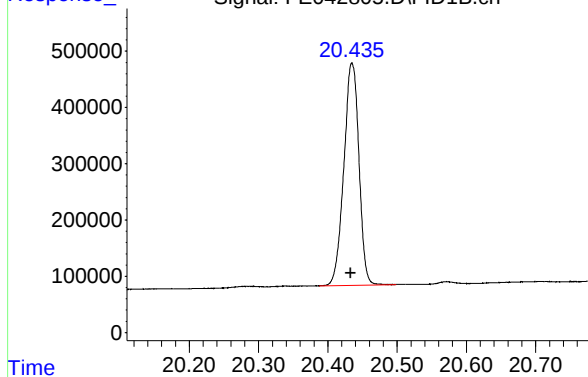
#18 n-Dotriacontane (C32)

R.T.: 18.912 min
Delta R.T.: 0.002 min
Response: 7311275
Conc: 52.13 ug/ml



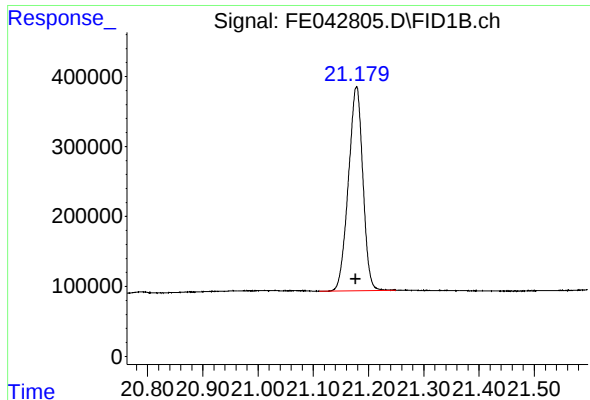
#19 n-Tetratriacontane (C34)

R.T.: 19.695 min
Delta R.T.: 0.002 min
Response: 7024187
Conc: 51.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.435 min
Delta R.T.: 0.001 min
Response: 5990468
Conc: 44.79 ug/ml m



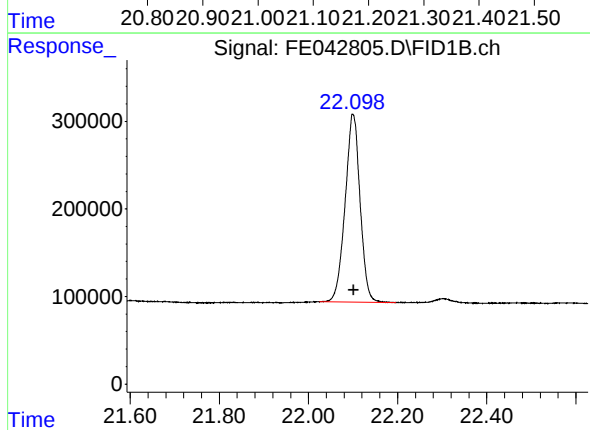
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: 0.002 min
Response: 5304412
Conc: 38.91 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.099 min
Delta R.T.: -0.002 min
Response: 5002961
Conc: 35.96 ug/ml