

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081823AL\
 Data File : FF013214.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 17:55
 Operator : YP\AJ
 Sample : 04054-07MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2023
 Supervised By :Ankita Jodhani 08/21/2023

Integration File: autoint1.e
 Quant Time: Aug 18 23:55:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.891	4471218	32.543 ug/ml
Spiked Amount 50.000		Recovery =	65.09%
12) S 1-chlorooctadecane (S...	13.327	2902951	27.702 ug/ml
Spiked Amount 50.000		Recovery =	55.40%
Target Compounds			
1) T n-Nonane (C9)	3.298	5444182	50.951 ug/ml
2) T n-Decane (C10)	4.544	5772328	53.864 ug/ml
3) T A~Naphthalene (C11.7)	6.237	6610429	55.837 ug/ml
4) T n-Dodecane (C12)	6.703	6017133	55.608 ug/ml
5) T A~2-methylnaphthalene...	7.330	6490759	54.759 ug/ml
6) T n-Tetradecane (C14)	8.528	6022521	55.793 ug/ml
7) T n-Hexadecane (C16)	10.134	6138977	56.633 ug/ml
8) T n-Octadecane (C18)	11.577	6468969	59.078 ug/ml
10) T n-Eicosane (C20)	12.887	6486856	59.116 ug/ml
11) T n-Heneicosane (C21)	13.498	6393033	58.189 ug/ml
13) T n-Docosane (C22)	14.083	6293931	57.328 ug/ml
14) T n-Tetracosane (C24)	15.186	5807968	52.864 ug/ml
15) T n-Hexacosane (C26)	16.208	6241448	57.108 ug/ml
16) T n-Octacosane (C28)	17.155	6327122	58.600 ug/ml
17) T n-Tricontane (C30)	18.044	6267578	57.312 ug/ml
18) T n-Dotriacontane (C32)	18.874	6299286	55.767 ug/ml
19) T n-Tetratriacontane (C34)	19.656	5600842	52.728 ug/mlm
20) T n-Hexatriacontane (C36)	20.392	4967419	47.128 ug/mlm
21) T n-Octatriacontane (C38)	21.124	4853492	48.055 ug/mlm
22) T n-Tetracontane (C40)	22.023	4863212	48.930 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 64 Sample Multiplier: 1

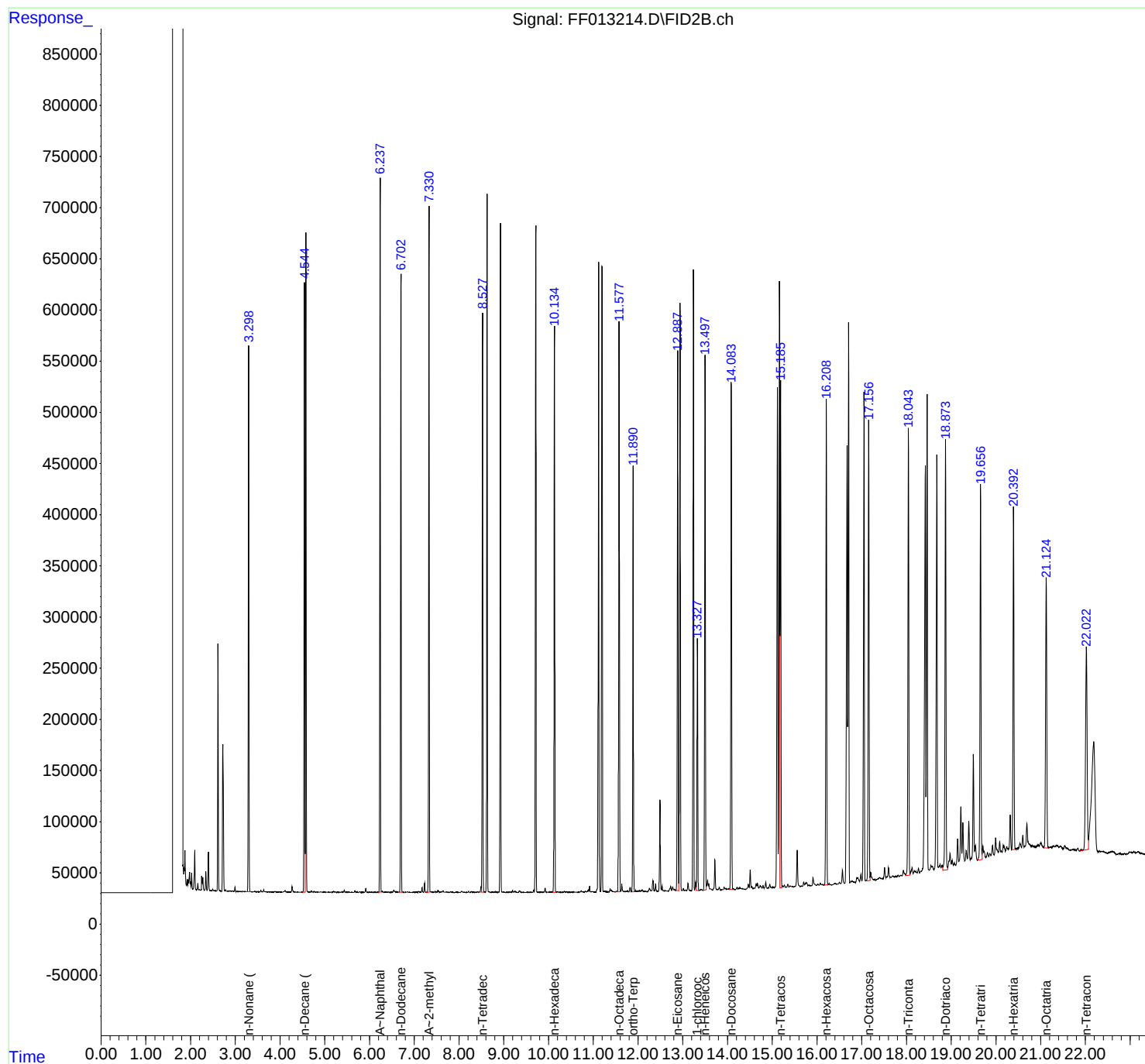
Instrument :
FID_F
ClientSampleId :
5MS

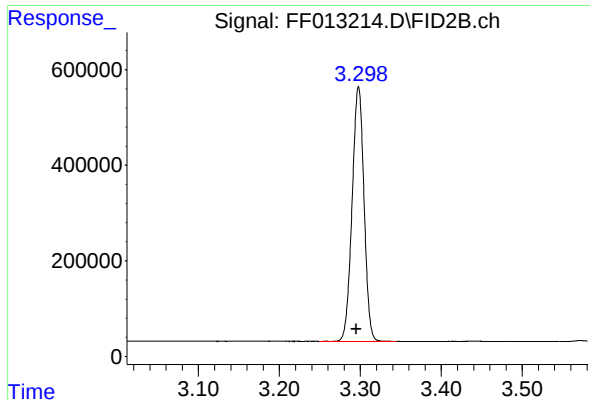
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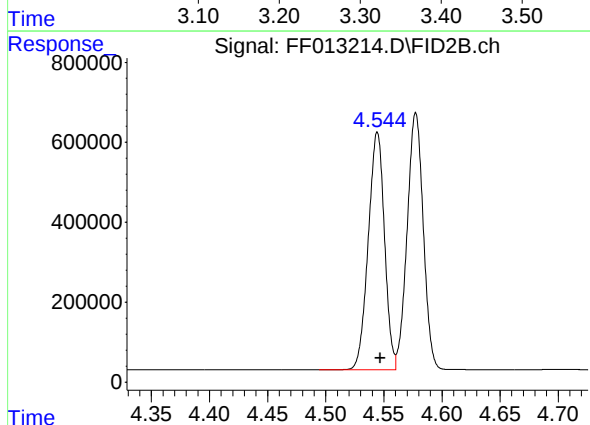
#1 n-Nonane (C9)

R.T.: 3.298 min
Delta R.T.: 0.003 min
Response: 5444182
Conc: 50.95 ug/ml

Instrument :
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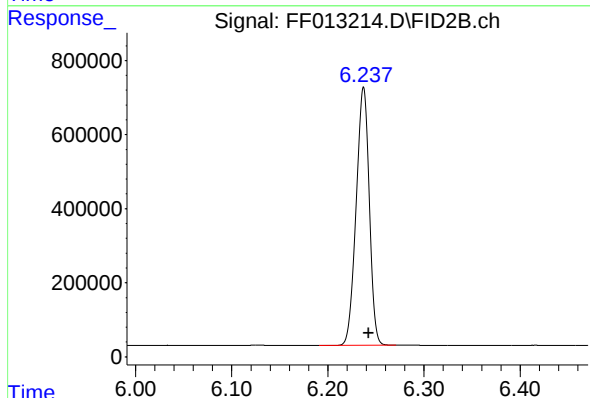
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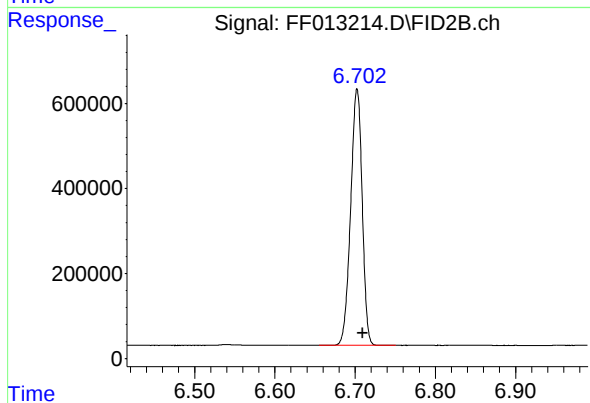
#2 n-Decane (C10)

R.T.: 4.544 min
Delta R.T.: -0.002 min
Response: 5772328
Conc: 53.86 ug/ml



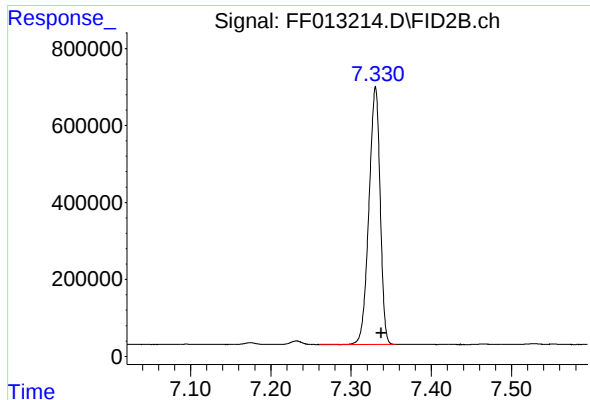
#3 A~Naphthalene (C11.7)

R.T.: 6.237 min
Delta R.T.: -0.005 min
Response: 6610429
Conc: 55.84 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 6017133
Conc: 55.61 ug/ml



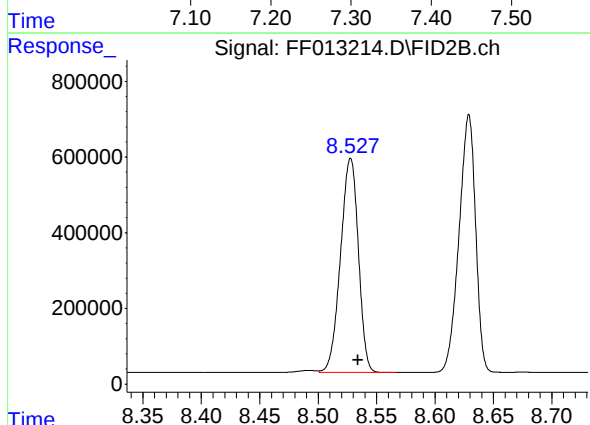
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.007 min
Response: 6490759
Conc: 54.76 ug/ml

Instrument :
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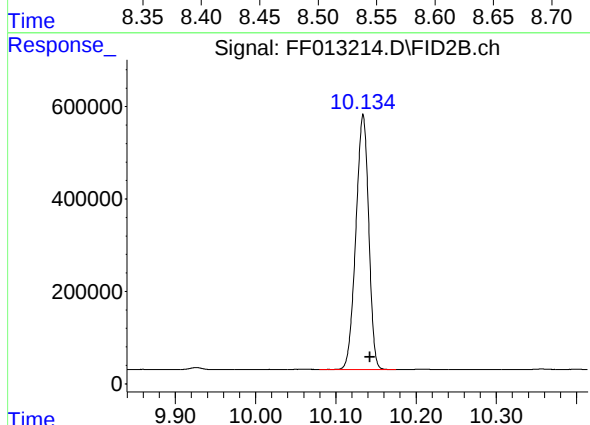
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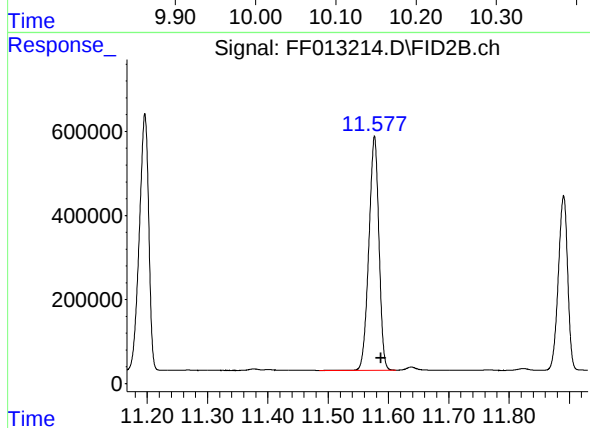
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.006 min
Response: 6022521
Conc: 55.79 ug/ml



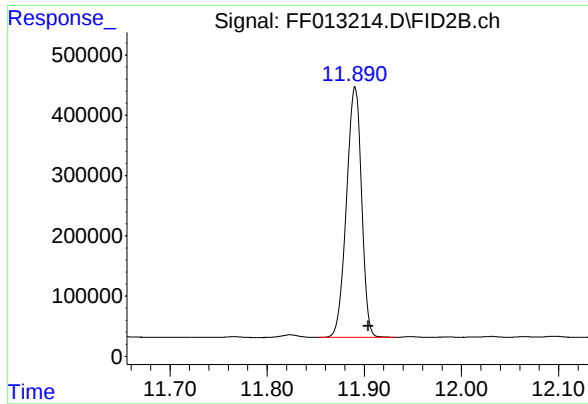
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.009 min
Response: 6138977
Conc: 56.63 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.011 min
Response: 6468969
Conc: 59.08 ug/ml



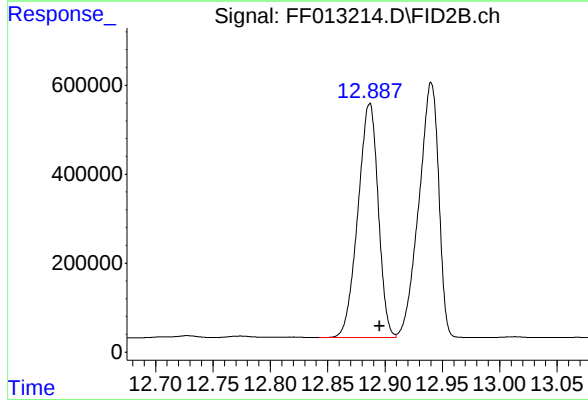
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.014 min
Response: 4471218
Conc: 32.54 ug/ml

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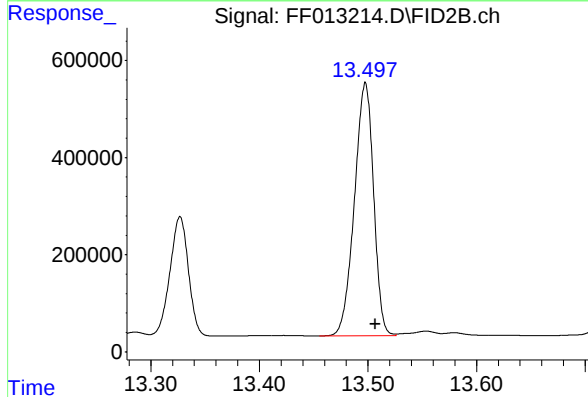
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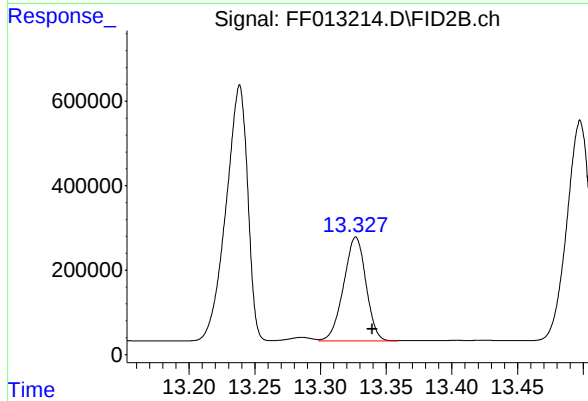
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 6486856
Conc: 59.12 ug/ml



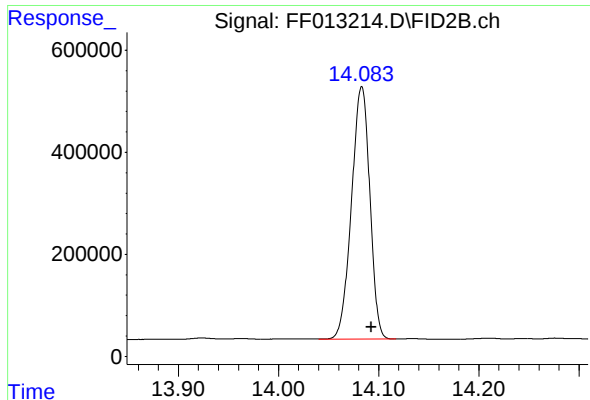
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 6393033
Conc: 58.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.327 min
Delta R.T.: -0.012 min
Response: 2902951
Conc: 27.70 ug/ml



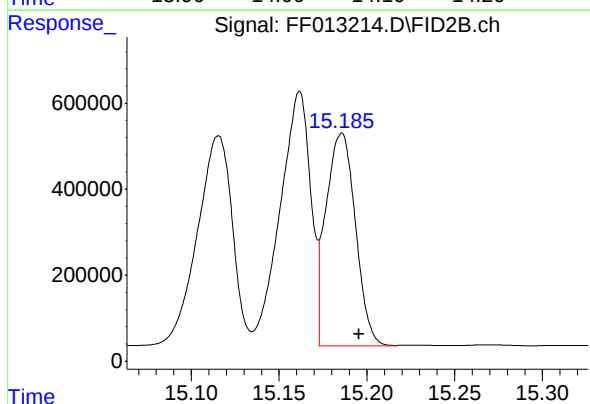
#13 n-Docosane (C22)

R.T.: 14.083 min
Delta R.T.: -0.009 min
Response: 6293931
Conc: 57.33 ug/ml

Instrument :
FID_F
ClientSampleId :
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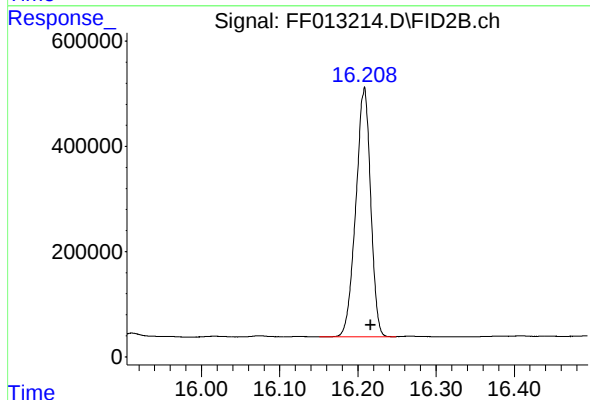
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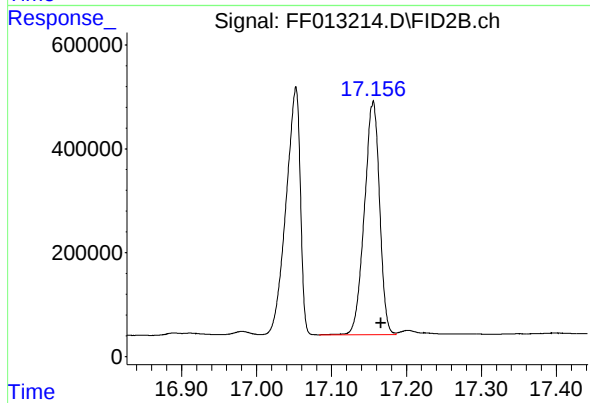
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 5807968
Conc: 52.86 ug/ml



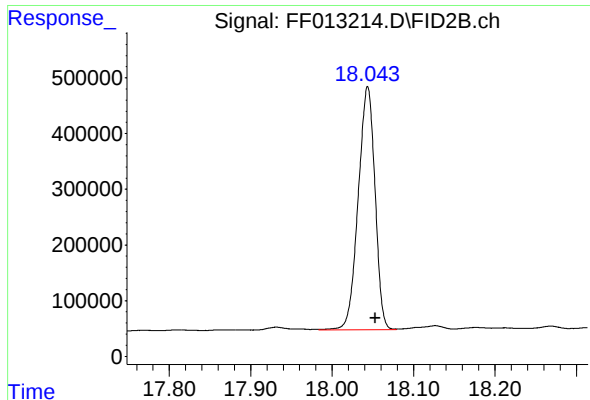
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.008 min
Response: 6241448
Conc: 57.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: -0.010 min
Response: 6327122
Conc: 58.60 ug/ml



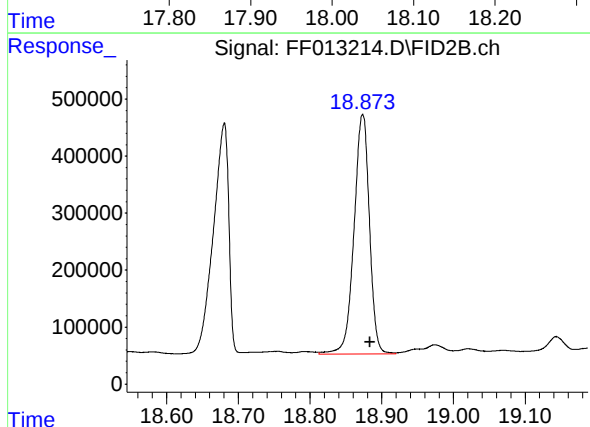
#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 6267578
Conc: 57.31 ug/ml

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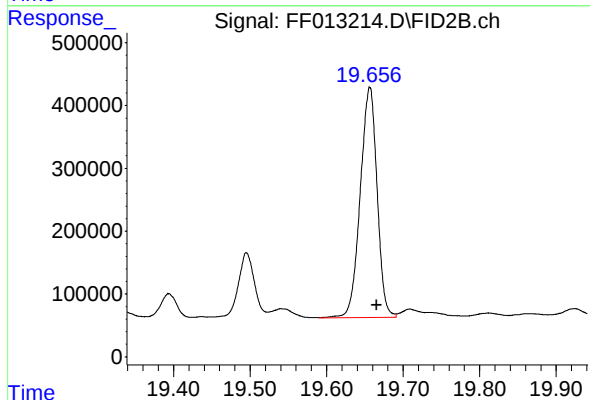
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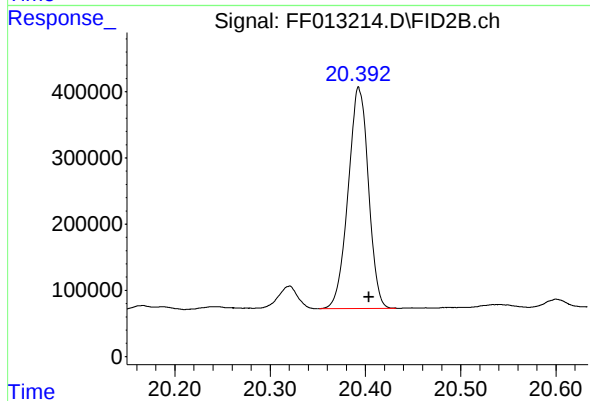
#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 6299286
Conc: 55.77 ug/ml



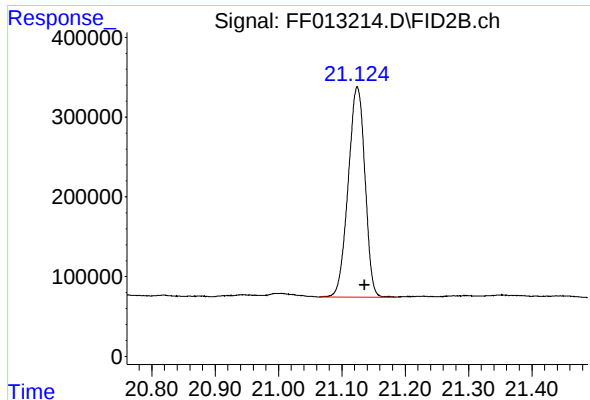
#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.010 min
Response: 5600842
Conc: 52.73 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.012 min
Response: 4967419
Conc: 47.13 ug/ml m



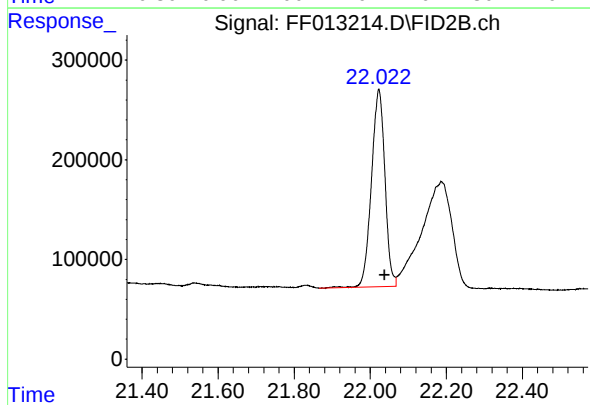
#21 n-Octatriacontane (C38)

R.T.: 21.124 min
Delta R.T.: -0.012 min
Response: 4853492
Conc: 48.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.015 min
Response: 4863212
Conc: 48.93 ug/ml