

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121421AL\
 Data File : FF009406.D
 Signal(s) : FID2B.ch
 Acq On : 14 Dec 2021 22:32
 Operator : AJ\MA
 Sample : PB141338BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 PB141338BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/15/2021
 Supervised By :Ankita Jodhani 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 04:24:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH -FF121421
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 16:37:50 2021
 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			
12) S 1-chlorooctadecane (S...	12.181	4769540	44.633 ug/ml
Spiked Amount 50.000		Recovery =	89.27%
Target Compounds			
1) T n-Nonane (C9)	2.640	3466456	29.891 ug/ml
2) T n-Decane (C10)	3.642	4303522	37.134 ug/ml
4) T n-Dodecane (C12)	5.621	5083982	43.230 ug/ml
6) T n-Tetradecane (C14)	7.406	5587629	47.277 ug/ml
7) T n-Hexadecane (C16)	8.999	6270653	52.224 ug/ml
8) T n-Octadecane (C18)	10.435	6756858	53.474 ug/ml
10) T n-Eicosane (C20)	11.740	6755544	52.897 ug/ml
11) T n-Heneicosane (C21)	12.350	6747289	51.944 ug/ml
13) T n-Docosane (C22)	12.933	6688213	51.614 ug/ml
14) T n-Tetracosane (C24)	14.032	6609727	50.740 ug/ml
15) T n-Hexacosane (C26)	15.049	6406782	51.500 ug/mlm
16) T n-Octacosane (C28)	15.997	6209653	53.704 ug/ml
17) T n-Tricontane (C30)	16.882	5934287	55.533 ug/ml
18) T n-Dotriacontane (C32)	17.711	5580985	54.203 ug/ml
19) T n-Tetratriacontane (C34)	18.492	5297025	51.669 ug/ml
20) T n-Hexatriacontane (C36)	19.229	5055044	50.526 ug/ml
21) T n-Octatriacontane (C38)	19.938	4679215	48.317 ug/ml
22) T n-Tetracontane (C40)	20.774	5637284	69.279 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : PB141338BS
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ALS Vial : 67 Sample Multiplier: 1

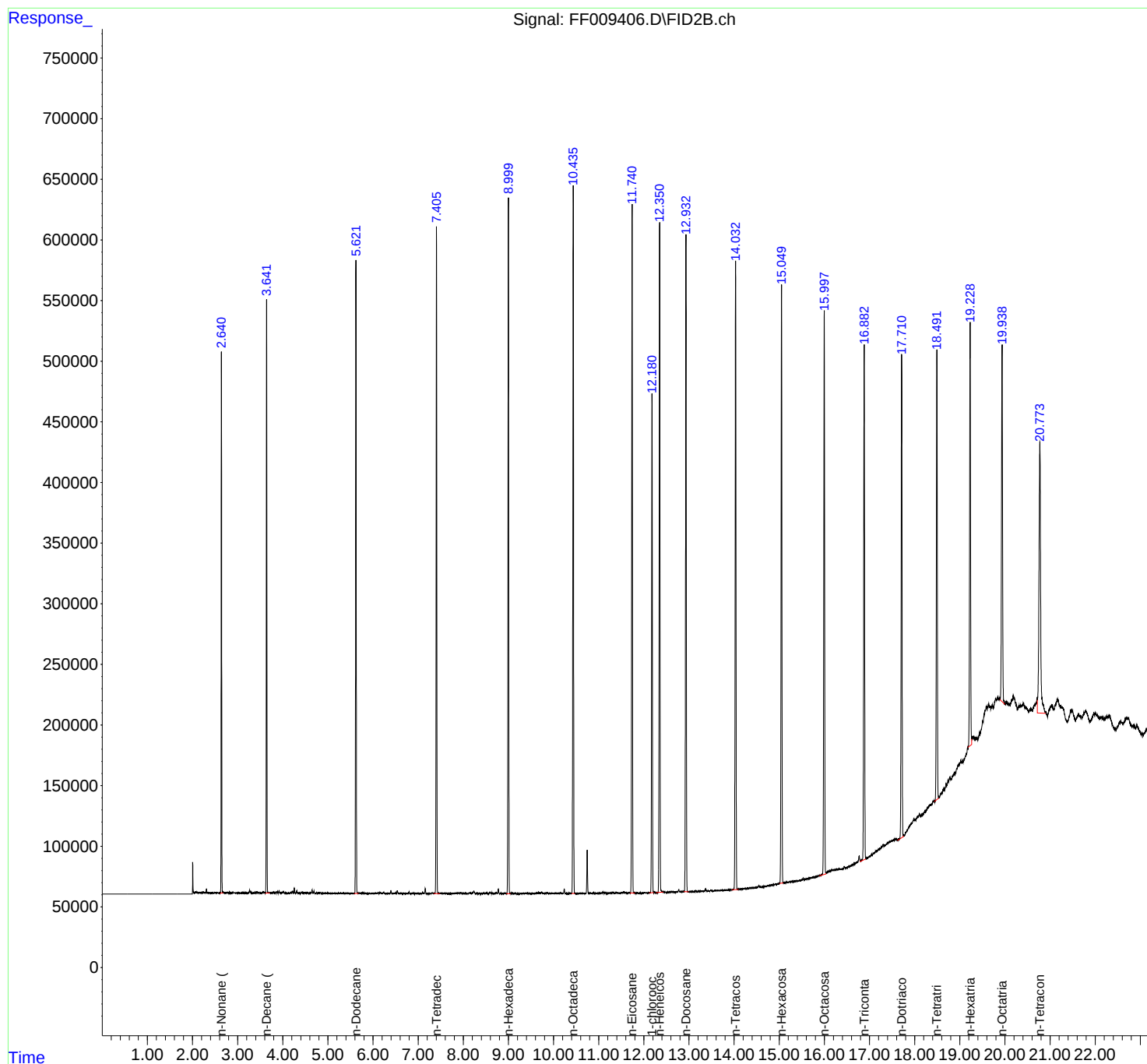
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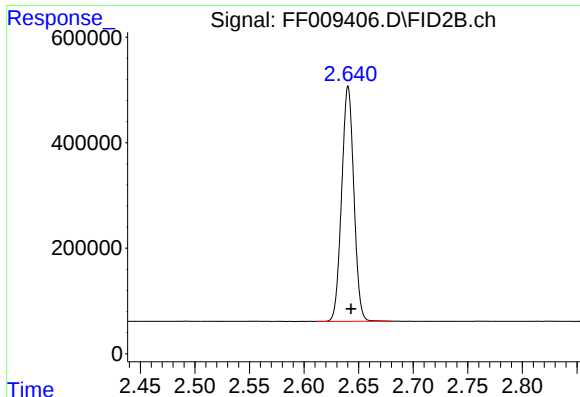
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.003 min
Response: 3466456
Conc: 29.89 ug/ml

Instrument :

FID_F

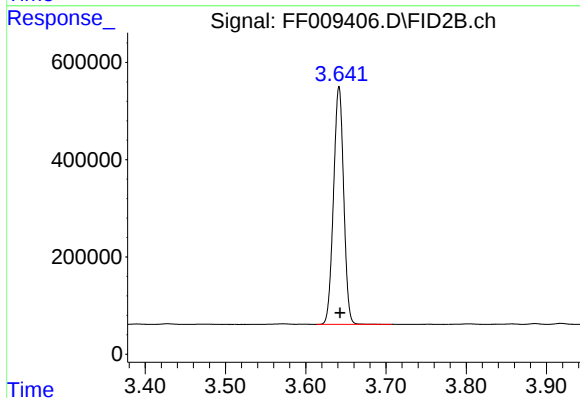
ClientSampleId :

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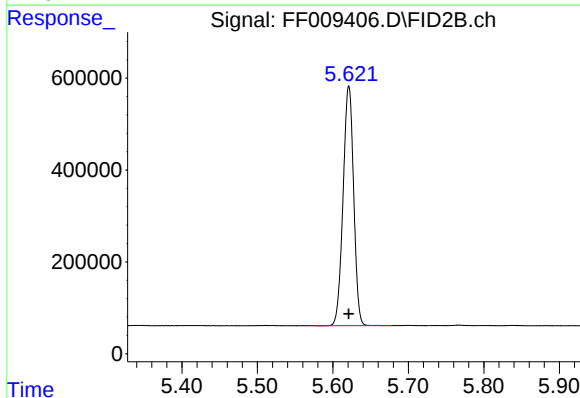
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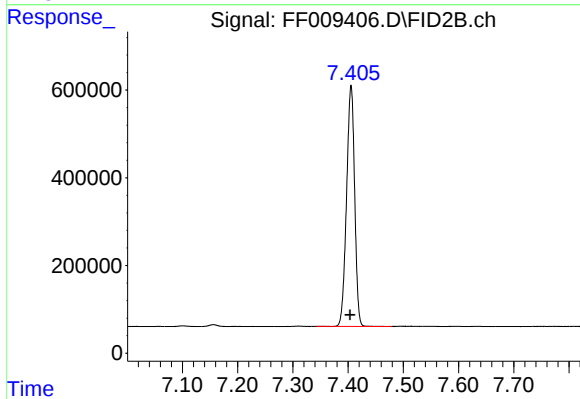
#2 n-Decane (C10)

R.T.: 3.642 min
Delta R.T.: -0.001 min
Response: 4303522
Conc: 37.13 ug/ml



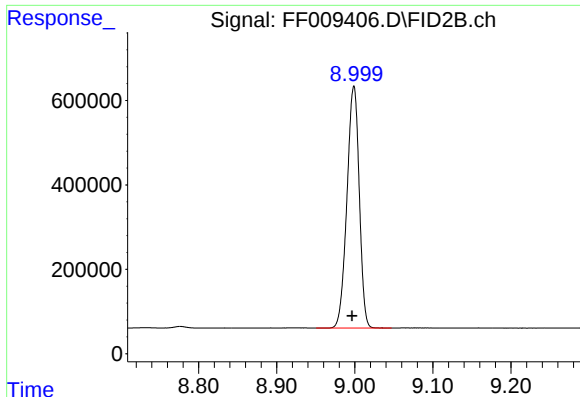
#4 n-Dodecane (C12)

R.T.: 5.621 min
Delta R.T.: 0.000 min
Response: 5083982
Conc: 43.23 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.406 min
Delta R.T.: 0.002 min
Response: 5587629
Conc: 47.28 ug/ml



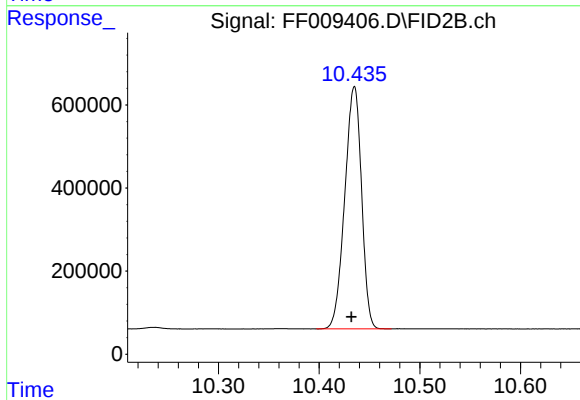
#7 n-Hexadecane (C16)

R.T.: 8.999 min
Delta R.T.: 0.003 min
Response: 6270653
Conc: 52.22 ug/ml

Instrument :
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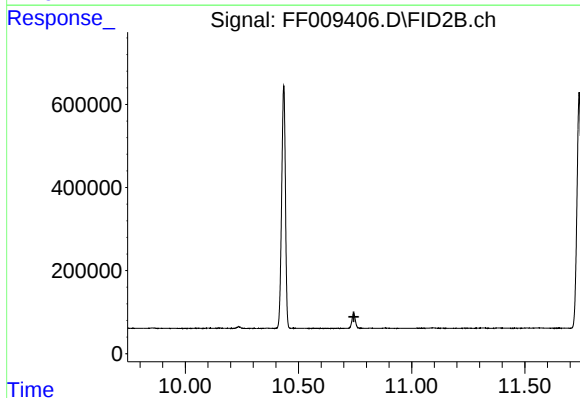
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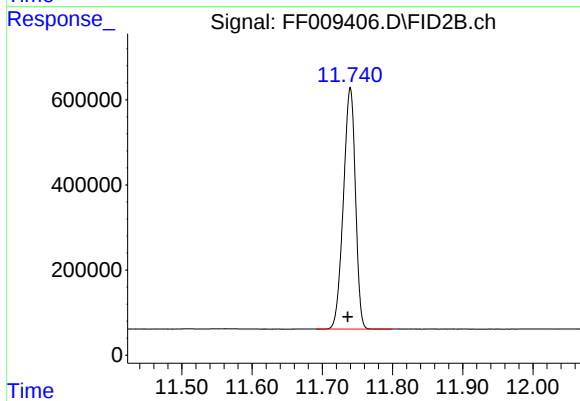
#8 n-Octadecane (C18)

R.T.: 10.435 min
Delta R.T.: 0.003 min
Response: 6756858
Conc: 53.47 ug/ml



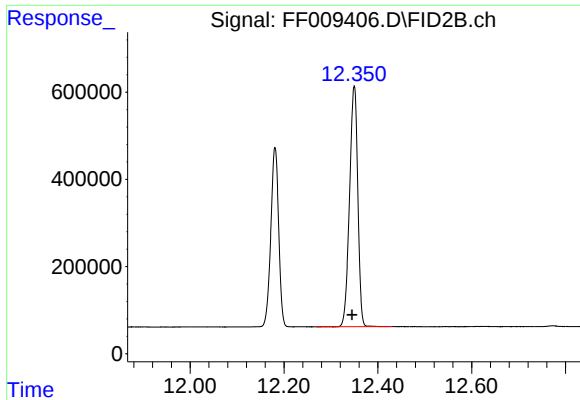
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.745 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.740 min
Delta R.T.: 0.004 min
Response: 6755544
Conc: 52.90 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.350 min
Delta R.T.: 0.005 min
Response: 6747289
Conc: 51.94 ug/ml

Instrument :

FID_F

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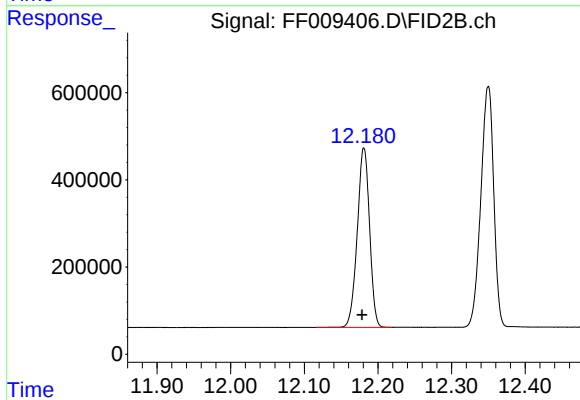
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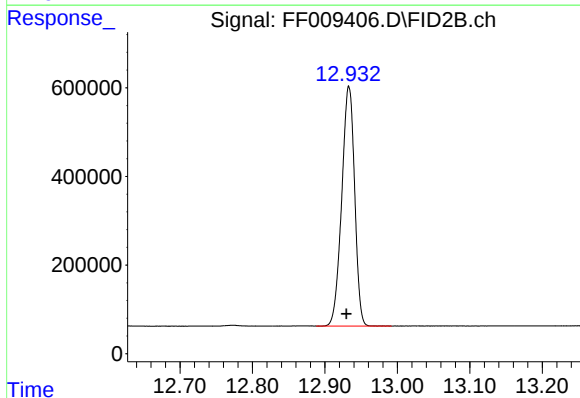
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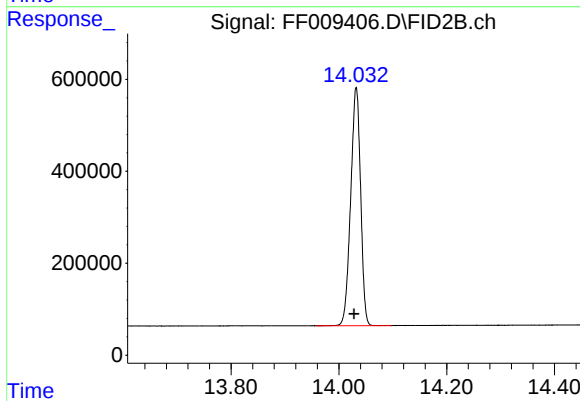
#12 1-chlorooctadecane (SURR)

R.T.: 12.181 min
Delta R.T.: 0.003 min
Response: 4769540
Conc: 44.63 ug/ml



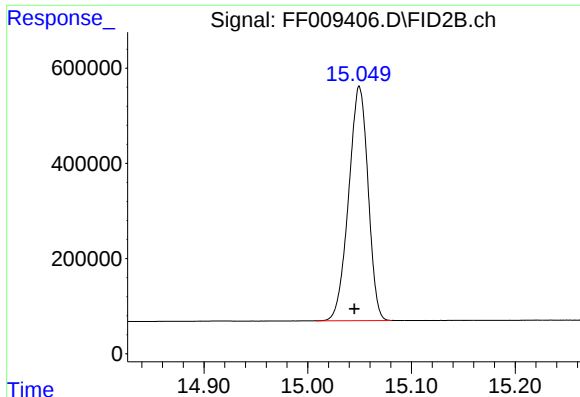
#13 n-Docosane (C22)

R.T.: 12.933 min
Delta R.T.: 0.004 min
Response: 6688213
Conc: 51.61 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.032 min
Delta R.T.: 0.004 min
Response: 6609727
Conc: 50.74 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.049 min
Delta R.T.: 0.004 min
Response: 6406782
Conc: 51.50 ug/ml

Instrument :

FID_F

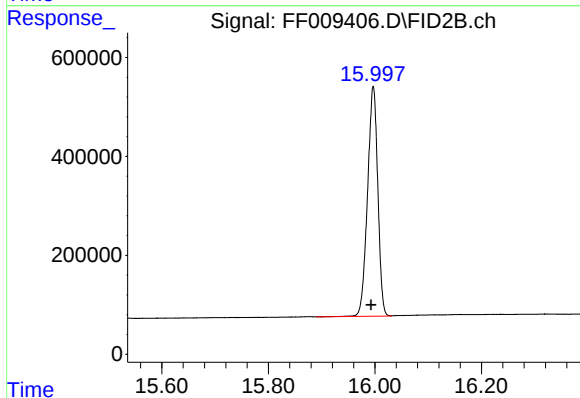
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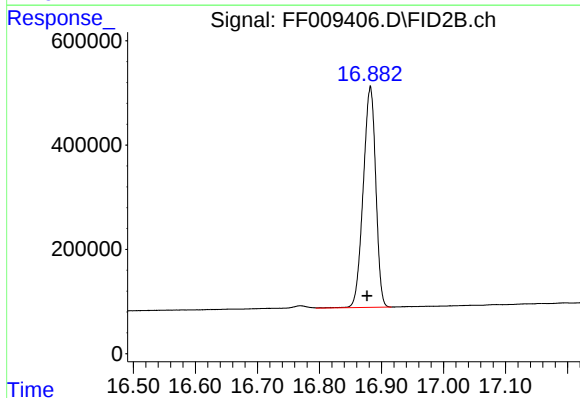
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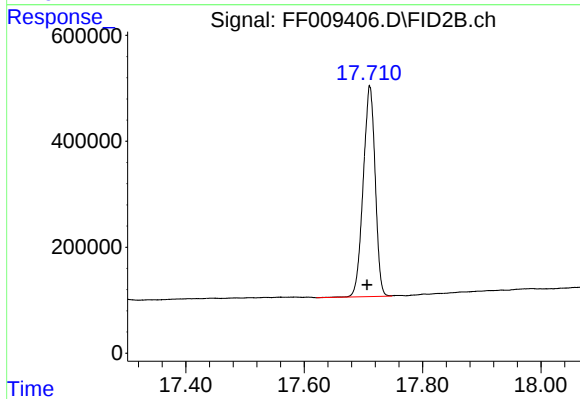
#16 n-Octacosane (C28)

R.T.: 15.997 min
Delta R.T.: 0.004 min
Response: 6209653
Conc: 53.70 ug/ml



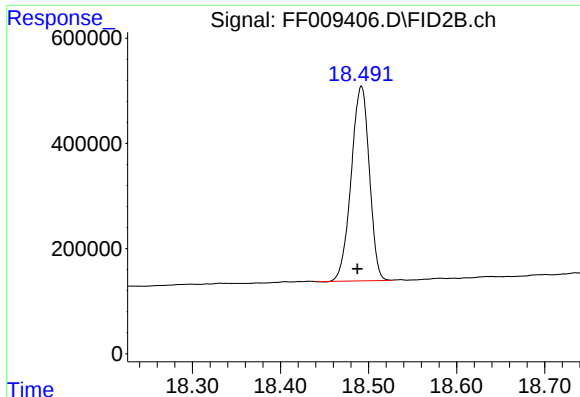
#17 n-Tricontane (C30)

R.T.: 16.882 min
Delta R.T.: 0.005 min
Response: 5934287
Conc: 55.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.711 min
Delta R.T.: 0.005 min
Response: 5580985
Conc: 54.20 ug/ml



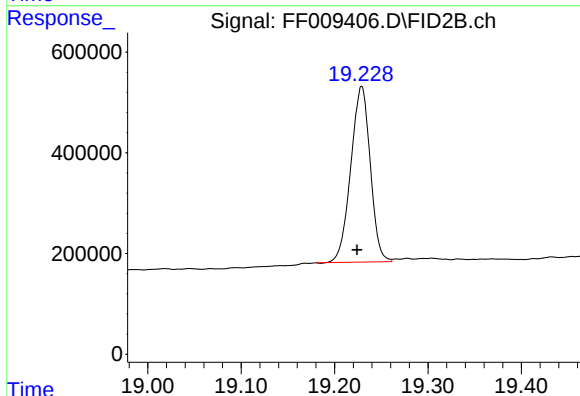
#19 n-Tetratriacontane (C34)

R.T.: 18.492 min
Delta R.T.: 0.005 min
Response: 5297025
Conc: 51.67 ug/ml

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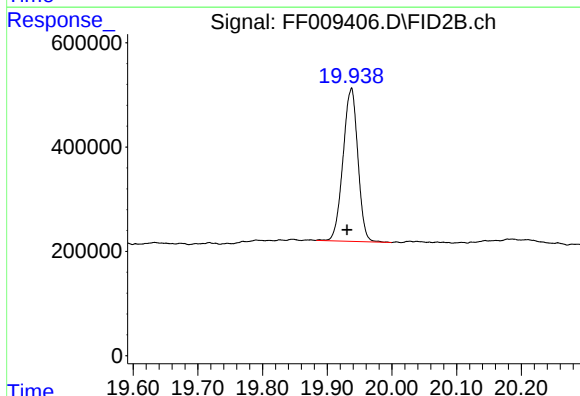
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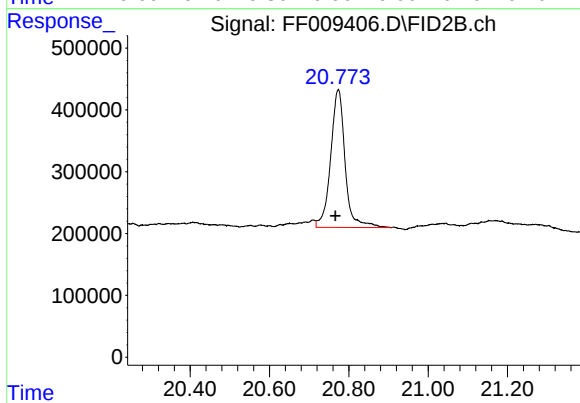
#20 n-Hexatriacontane (C36)

R.T.: 19.229 min
Delta R.T.: 0.005 min
Response: 5055044
Conc: 50.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.938 min
Delta R.T.: 0.007 min
Response: 4679215
Conc: 48.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.774 min
Delta R.T.: 0.007 min
Response: 5637284
Conc: 69.28 ug/ml