

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081123AL\
 Data File : FF013193.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 11:11
 Operator : YP\AJ
 Sample : 03572-03
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e
 Quant Time: Aug 12 00:56:58 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			
12) S 1-chlorooctadecane (S...	13.333	4996740	47.682 ug/ml
Spiked Amount 50.000		Recovery =	95.36%
Target Compounds			
1) T n-Nonane (C9)	3.283	276263	2.585 ug/ml
2) T n-Decane (C10)	4.537	269120	2.511 ug/ml
4) T n-Dodecane (C12)	6.701	277484	2.564 ug/ml
6) T n-Tetradecane (C14)	8.526	280695	2.600 ug/ml
7) T n-Hexadecane (C16)	10.134	284194	2.622 ug/ml
8) T n-Octadecane (C18)	11.575	302924	2.766 ug/ml
10) T n-Eicosane (C20)	12.885	288862	2.632 ug/ml
11) T n-Heneicosane (C21)	13.497	289370	2.634 ug/ml
13) T n-Docosane (C22)	14.082	289286	2.635 ug/ml
14) T n-Tetracosane (C24)	15.185	289882	2.638 ug/ml
15) T n-Hexacosane (C26)	16.205	289657	2.650 ug/ml
16) T n-Octacosane (C28)	17.154	289797	2.684 ug/ml
17) T n-Tricontane (C30)	18.042	301706	2.759 ug/ml
18) T n-Dotriacontane (C32)	18.873	316386	2.801 ug/ml
19) T n-Tetratriacontane (C34)	19.655	287839	2.710 ug/ml
20) T n-Hexatriacontane (C36)	20.393	268848	2.551 ug/ml
21) T n-Octatriacontane (C38)	21.123	251698	2.492 ug/ml
22) T n-Tetracontane (C40)	22.020	232089	2.335 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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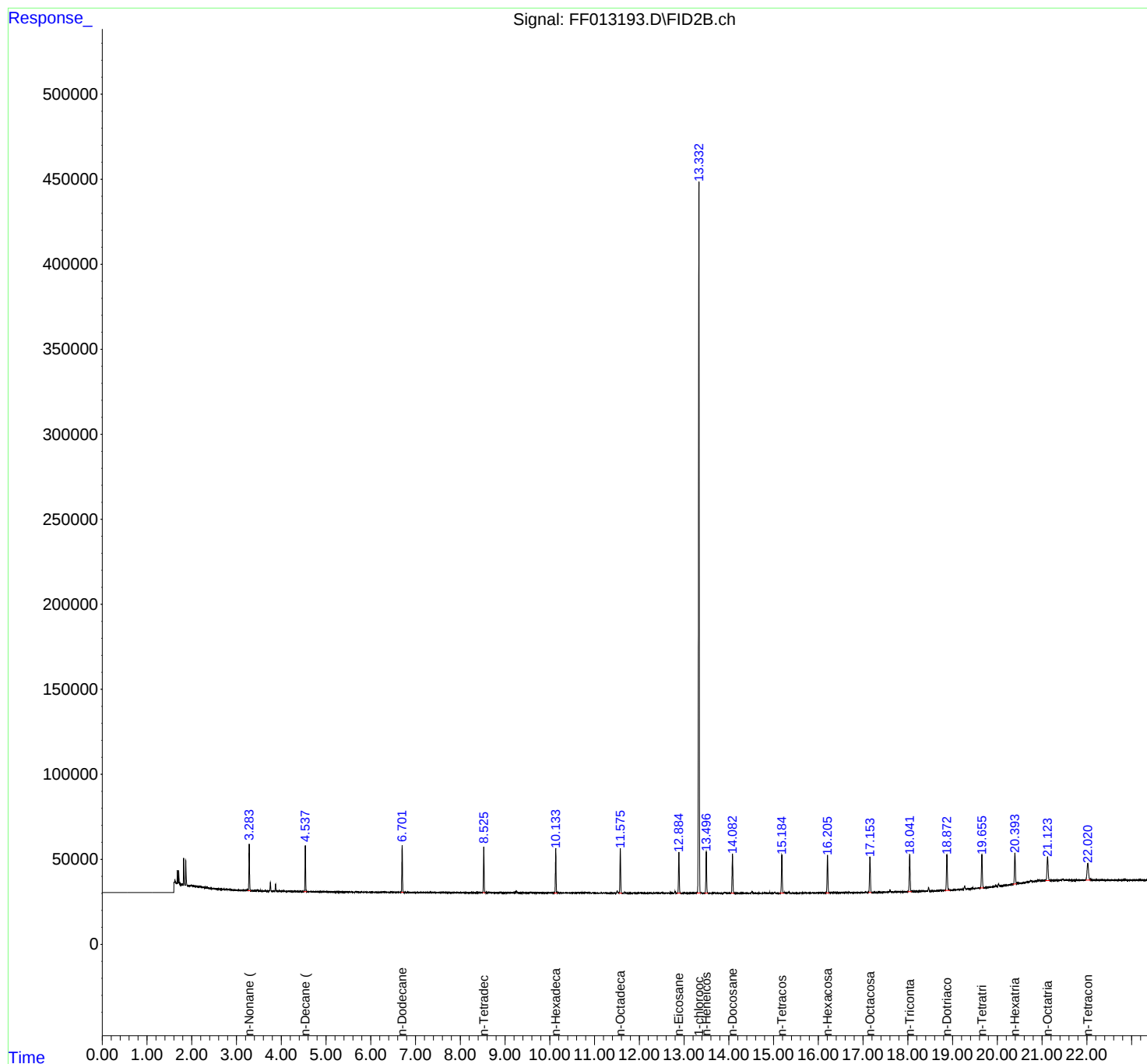
Instrument :
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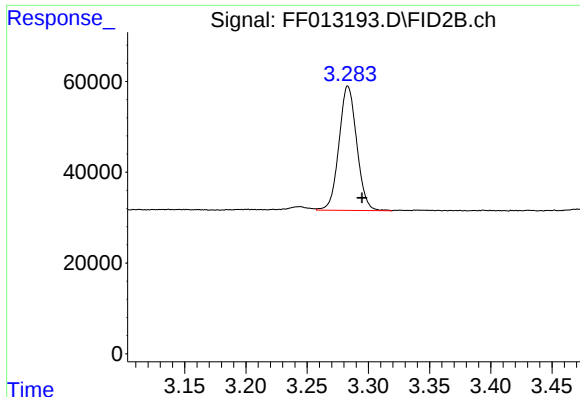
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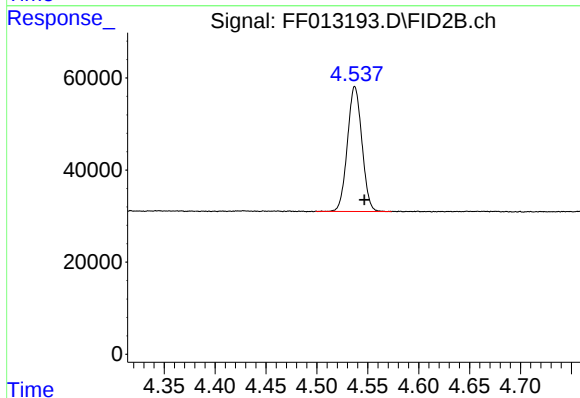
#1 n-Nonane (C9)

R.T.: 3.283 min
Delta R.T.: -0.012 min
Response: 276263
Conc: 2.59 ug/ml

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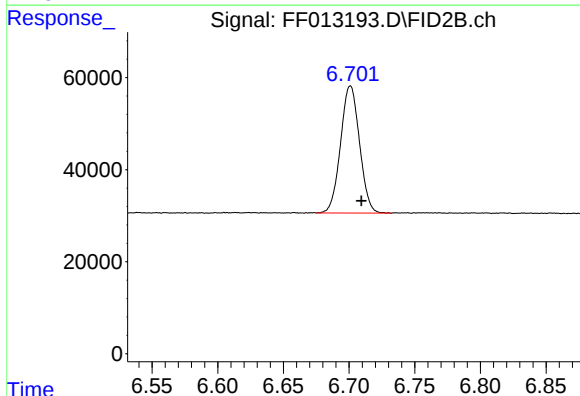
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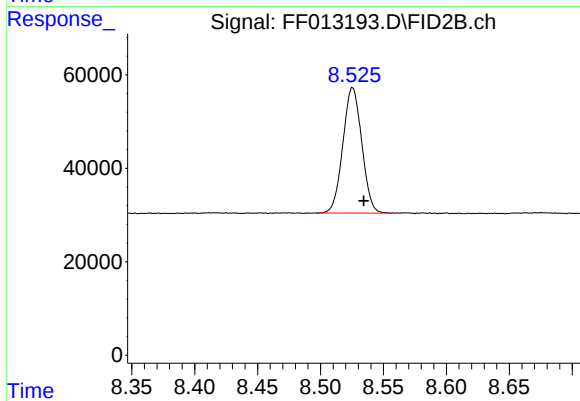
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.009 min
Response: 269120
Conc: 2.51 ug/ml



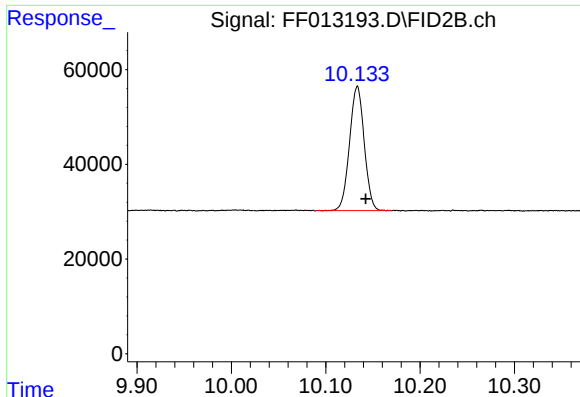
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 277484
Conc: 2.56 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.009 min
Response: 280695
Conc: 2.60 ug/ml



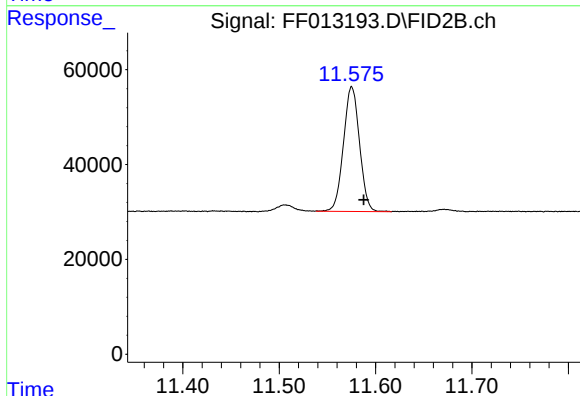
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.009 min
Response: 284194
Conc: 2.62 ug/ml

Instrument :
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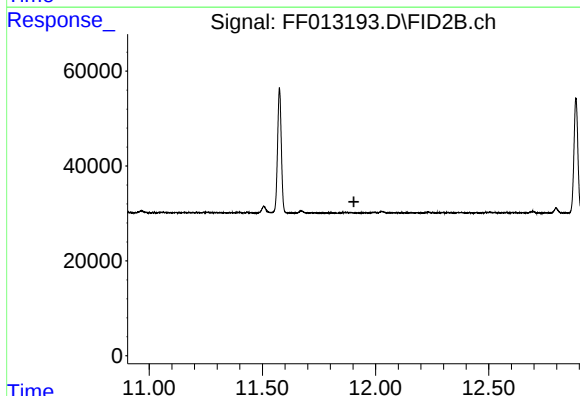
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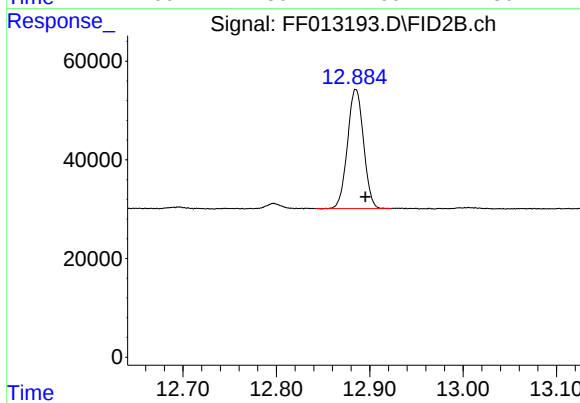
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.012 min
Response: 302924
Conc: 2.77 ug/ml



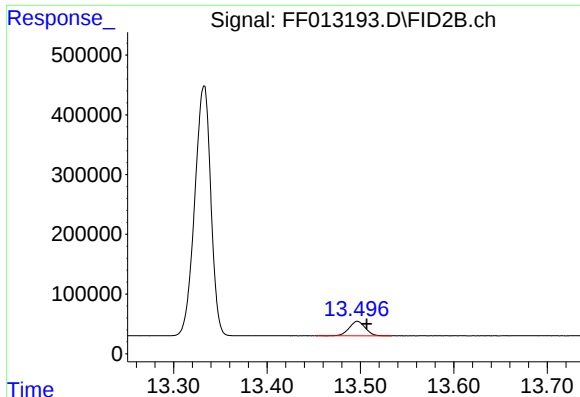
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.904 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 288862
Conc: 2.63 ug/ml



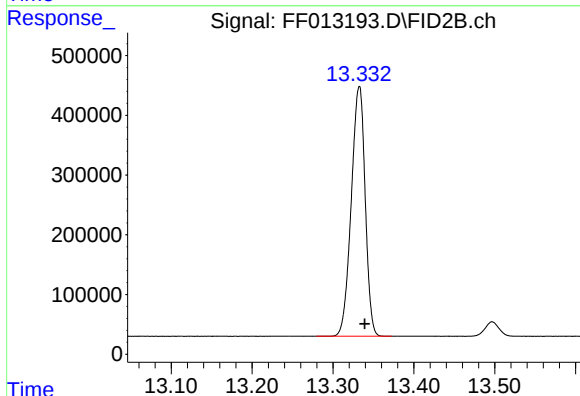
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 289370
Conc: 2.63 ug/ml

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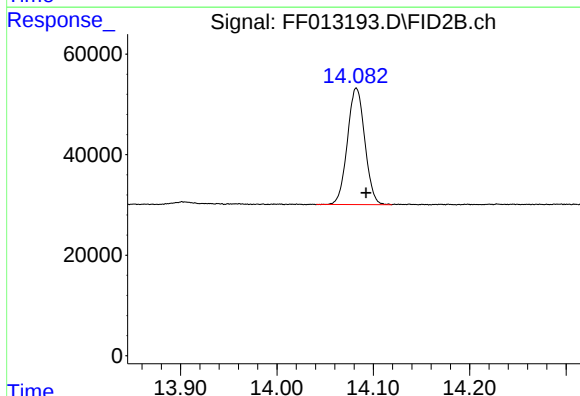
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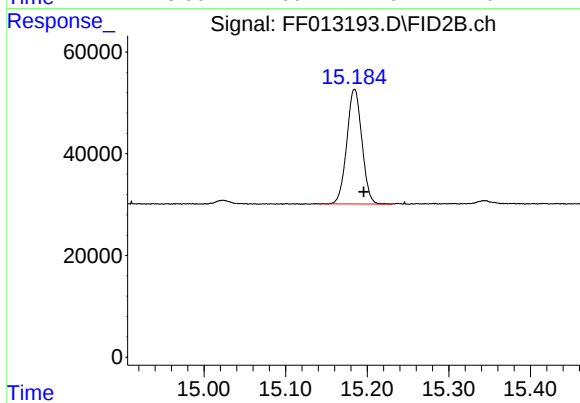
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.007 min
Response: 4996740
Conc: 47.68 ug/ml



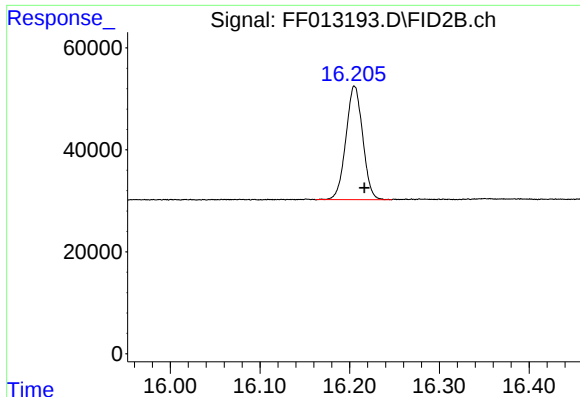
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.010 min
Response: 289286
Conc: 2.63 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.011 min
Response: 289882
Conc: 2.64 ug/ml



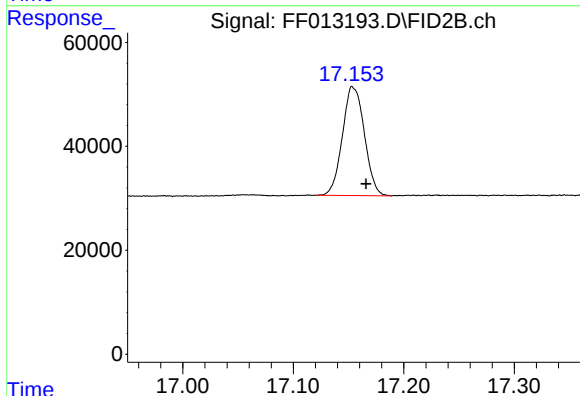
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.011 min
Response: 289657
Conc: 2.65 ug/ml

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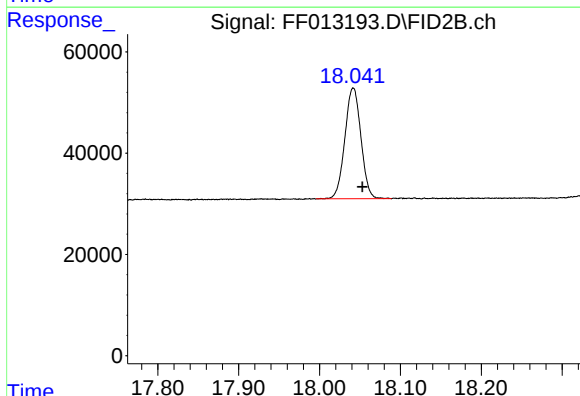
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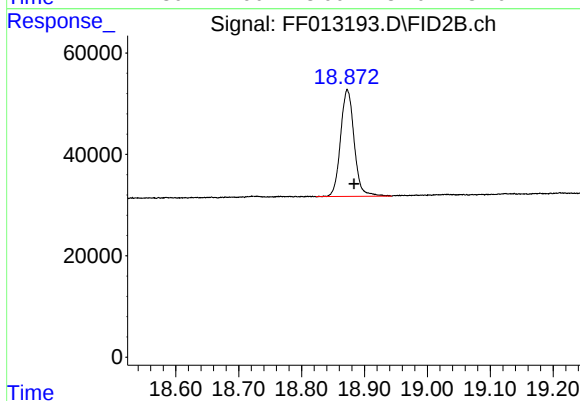
#16 n-Octacosane (C28)

R.T.: 17.154 min
Delta R.T.: -0.012 min
Response: 289797
Conc: 2.68 ug/ml



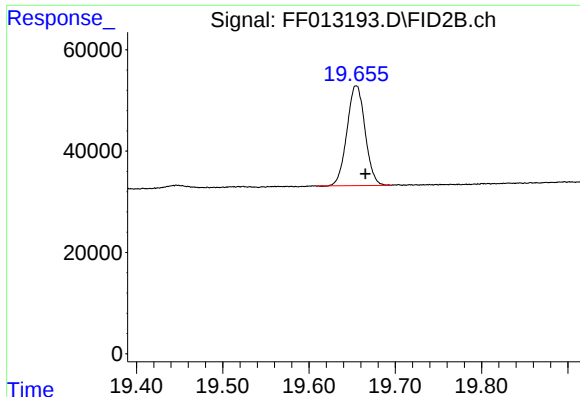
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 301706
Conc: 2.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.873 min
Delta R.T.: -0.011 min
Response: 316386
Conc: 2.80 ug/ml



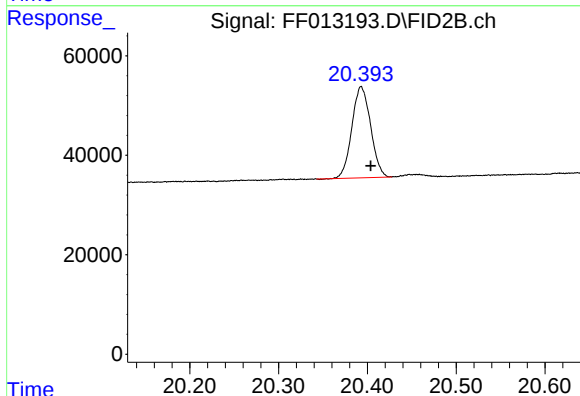
#19 n-Tetratriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.011 min
Response: 287839
Conc: 2.71 ug/ml

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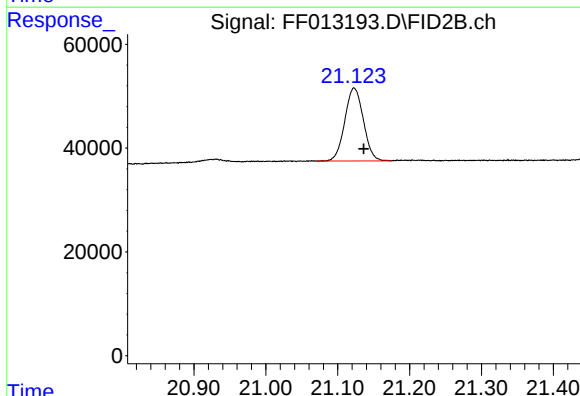
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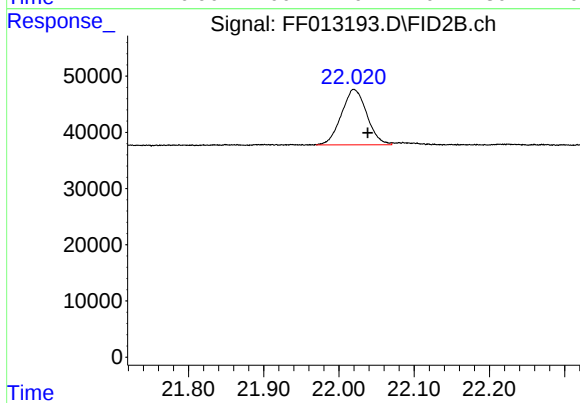
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: -0.011 min
Response: 268848
Conc: 2.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.013 min
Response: 251698
Conc: 2.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.018 min
Response: 232089
Conc: 2.34 ug/ml m