

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081123AL\
 Data File : FF013195.D
 Signal(s) : FID2B.ch
 Acq On : 11 Aug 2023 12:10
 Operator : YP\AJ
 Sample : 03572-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-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 00:58:28 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...	13.332	5256346	50.159 ug/ml
Spiked Amount 50.000		Recovery =	100.32%
Target Compounds			
1) T n-Nonane (C9)	3.284	264619	2.477 ug/ml
2) T n-Decane (C10)	4.537	265583	2.478 ug/ml
4) T n-Dodecane (C12)	6.701	272660	2.520 ug/ml
6) T n-Tetradecane (C14)	8.526	277460	2.570 ug/ml
7) T n-Hexadecane (C16)	10.133	280130	2.584 ug/ml
8) T n-Octadecane (C18)	11.575	297244	2.715 ug/ml
10) T n-Eicosane (C20)	12.885	297791	2.714 ug/ml
11) T n-Heneicosane (C21)	13.496	286966	2.612 ug/ml
13) T n-Docosane (C22)	14.082	324630	2.957 ug/ml
14) T n-Tetracosane (C24)	15.184	392935	3.576 ug/ml
15) T n-Hexacosane (C26)	16.205	452494	4.140 ug/ml
16) T n-Octacosane (C28)	17.155	517452	4.792 ug/ml
17) T n-Tricontane (C30)	18.042	586713	5.365 ug/ml
18) T n-Dotriacontane (C32)	18.874	565942	5.010 ug/ml
19) T n-Tetratriacontane (C34)	19.654	415666	3.913 ug/ml
20) T n-Hexatriacontane (C36)	20.393	345094	3.274 ug/ml
21) T n-Octatriacontane (C38)	21.123	286788	2.839 ug/ml
22) T n-Tetracontane (C40)	22.019	265790	2.674 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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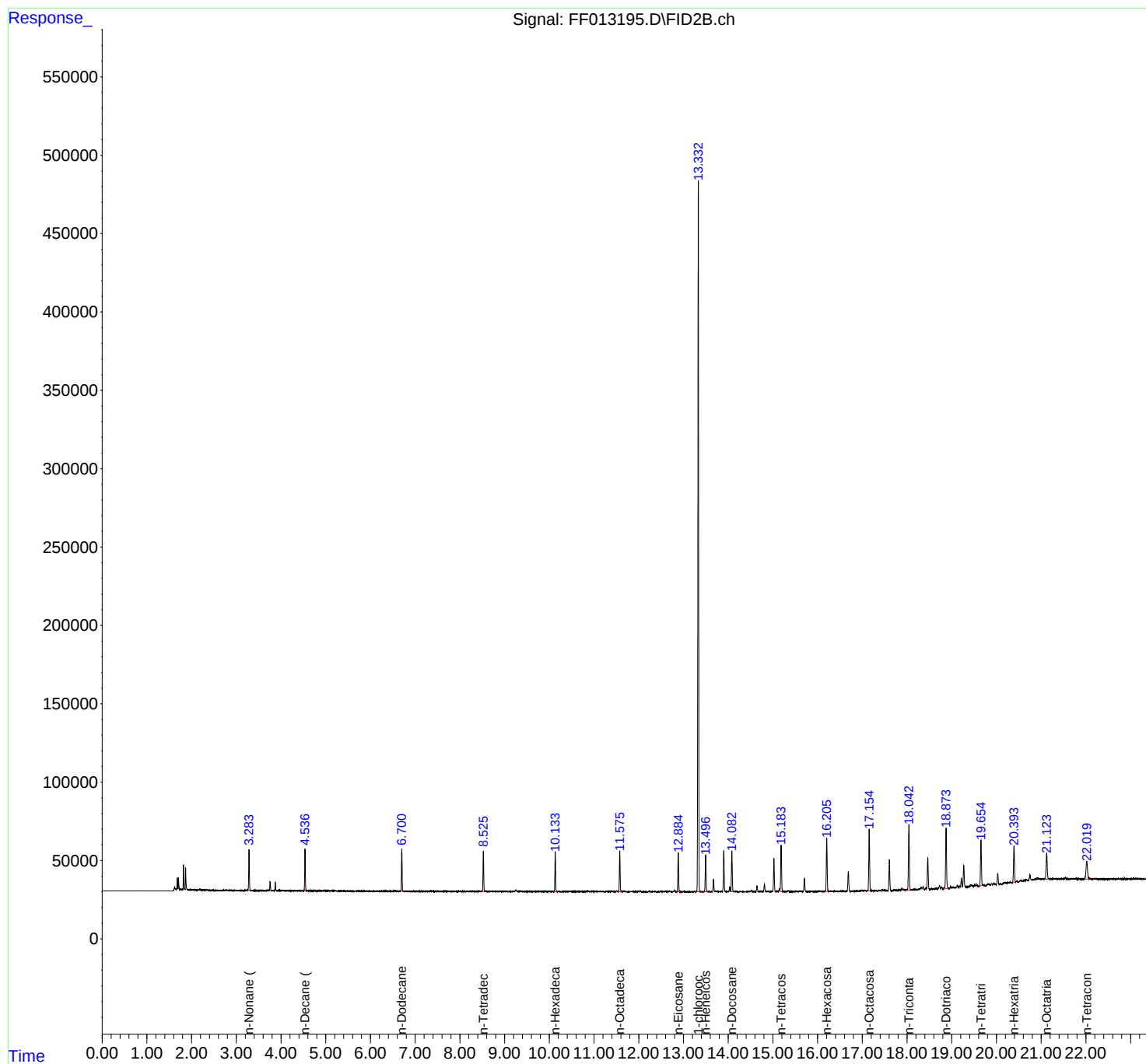
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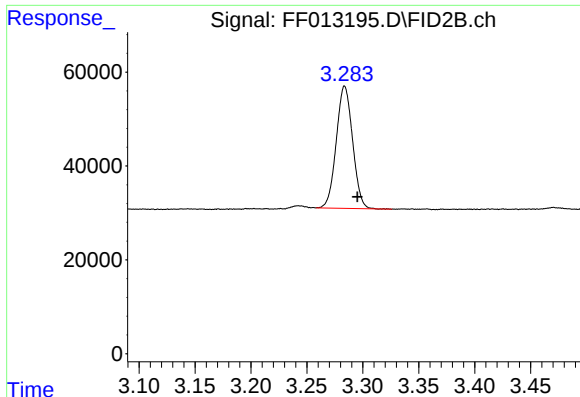
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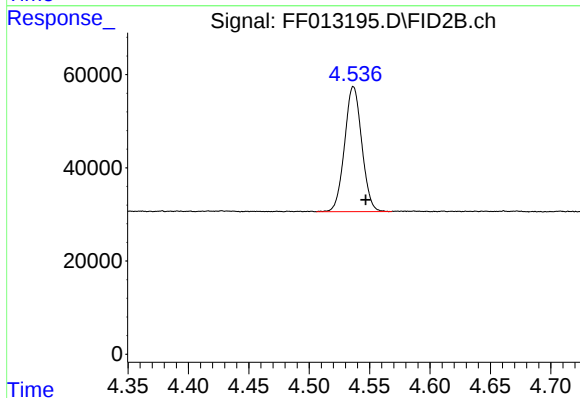
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.011 min
Response: 264619
Conc: 2.48 ug/ml

Instrument :
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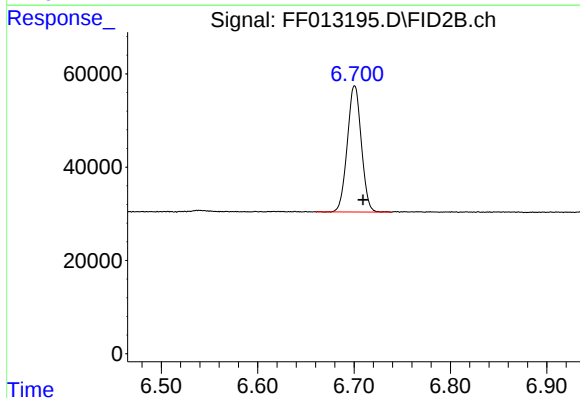
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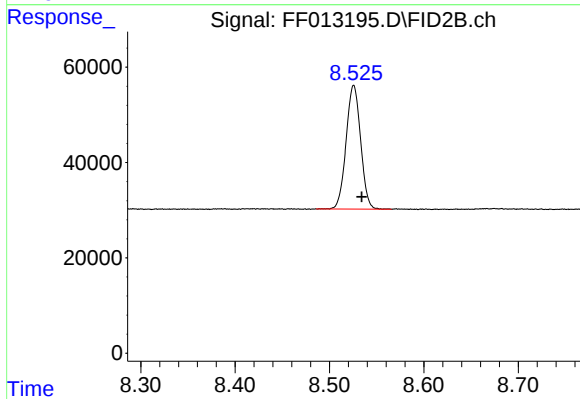
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.010 min
Response: 265583
Conc: 2.48 ug/ml



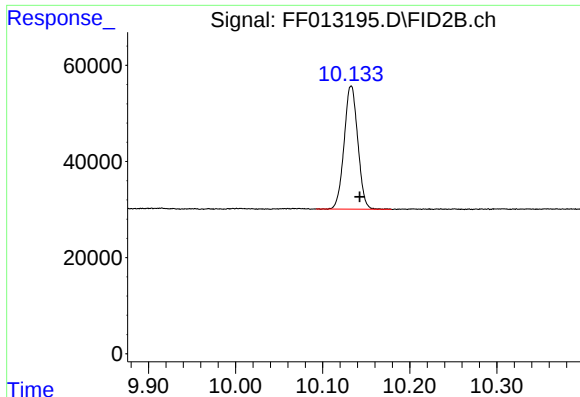
#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 272660
Conc: 2.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.009 min
Response: 277460
Conc: 2.57 ug/ml



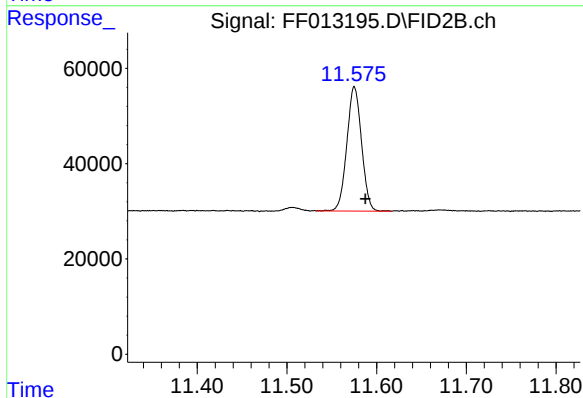
#7 n-Hexadecane (C16)

R.T.: 10.133 min
Delta R.T.: -0.010 min
Response: 280130
Conc: 2.58 ug/ml

Instrument :
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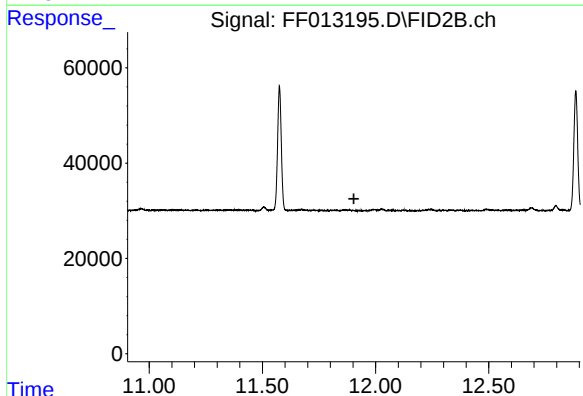
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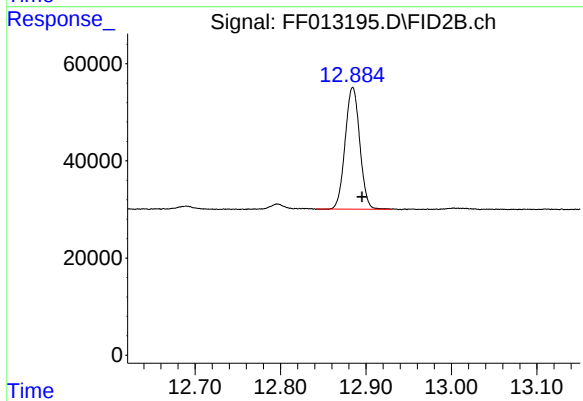
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.012 min
Response: 297244
Conc: 2.71 ug/ml



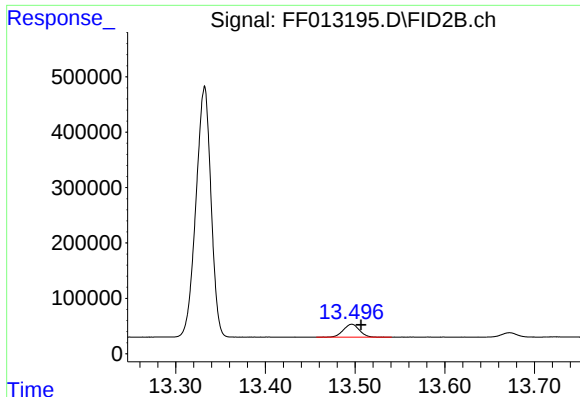
#9 ortho-Terphenyl (SURR)

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.: -0.011 min
Response: 297791
Conc: 2.71 ug/ml



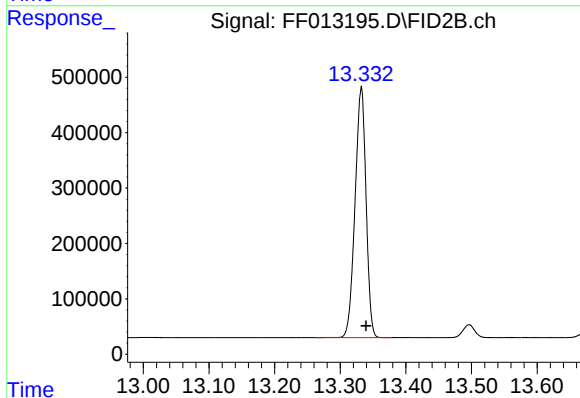
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.010 min
Response: 286966
Conc: 2.61 ug/ml

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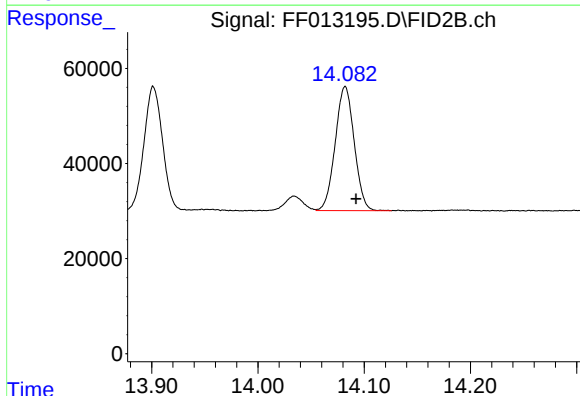
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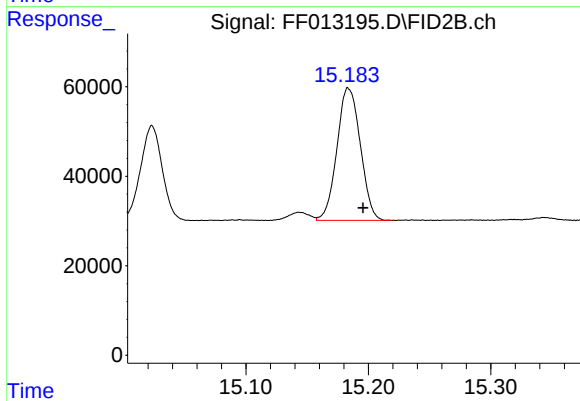
#12 1-chlorooctadecane (SURR)

R.T.: 13.332 min
Delta R.T.: -0.007 min
Response: 5256346
Conc: 50.16 ug/ml



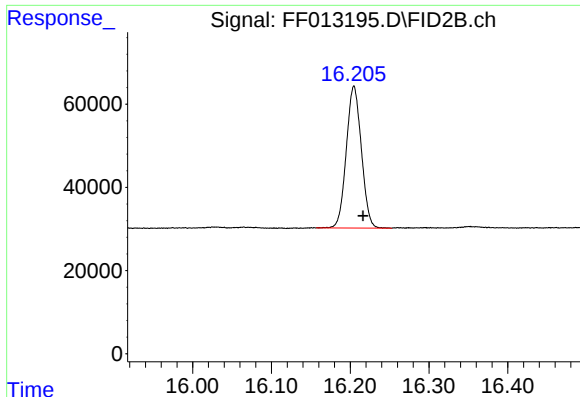
#13 n-Docosane (C22)

R.T.: 14.082 min
Delta R.T.: -0.010 min
Response: 324630
Conc: 2.96 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.184 min
Delta R.T.: -0.012 min
Response: 392935
Conc: 3.58 ug/ml



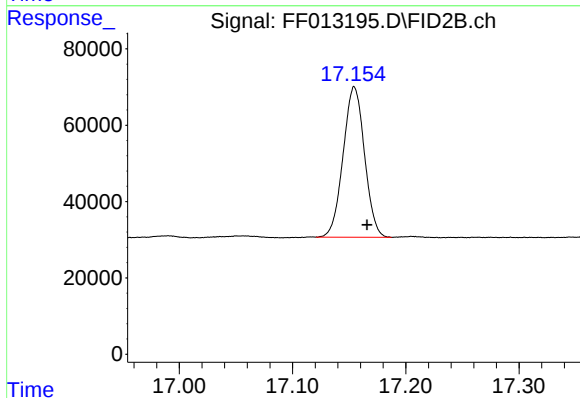
#15 n-Hexacosane (C26)

R.T.: 16.205 min
Delta R.T.: -0.012 min
Response: 452494
Conc: 4.14 ug/ml

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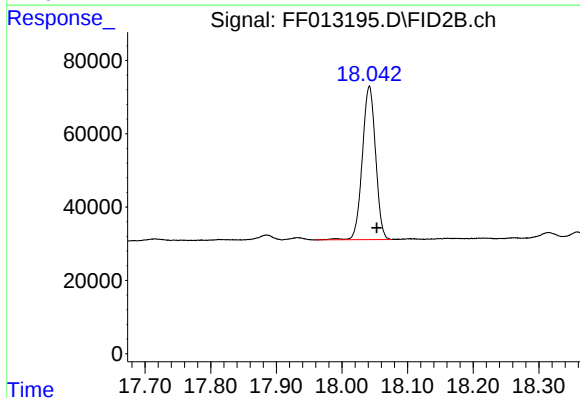
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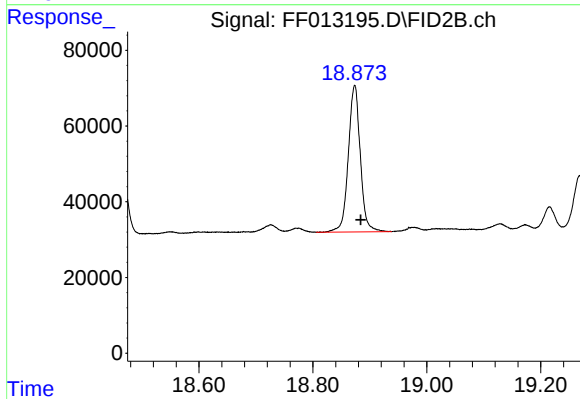
#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: -0.011 min
Response: 517452
Conc: 4.79 ug/ml



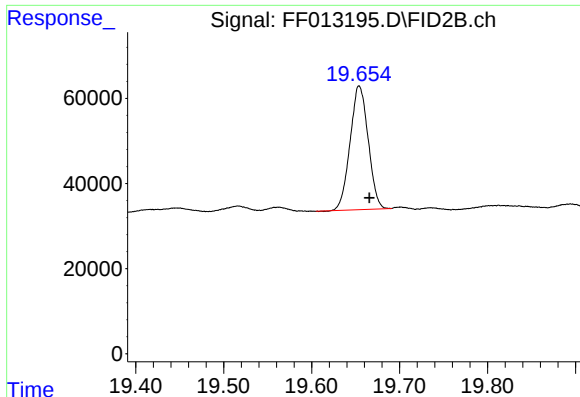
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 586713
Conc: 5.37 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 565942
Conc: 5.01 ug/ml



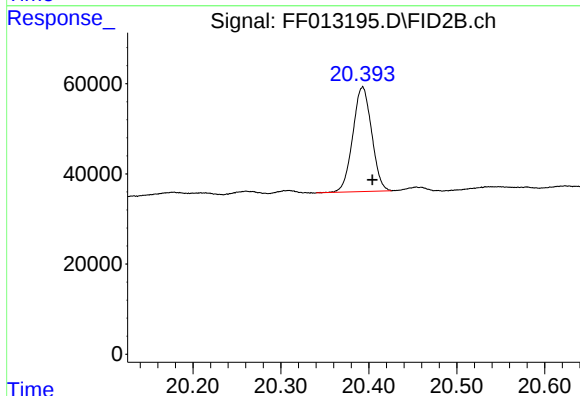
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: -0.011 min
Response: 415666
Conc: 3.91 ug/ml

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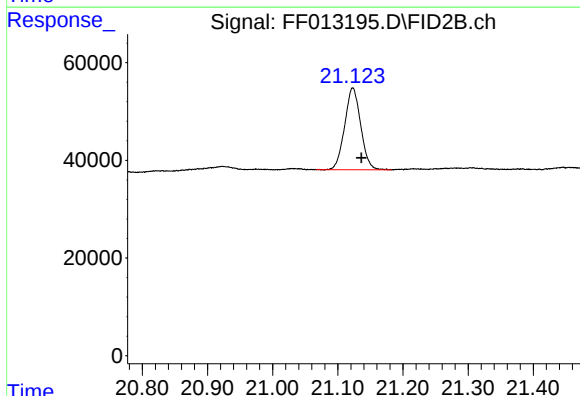
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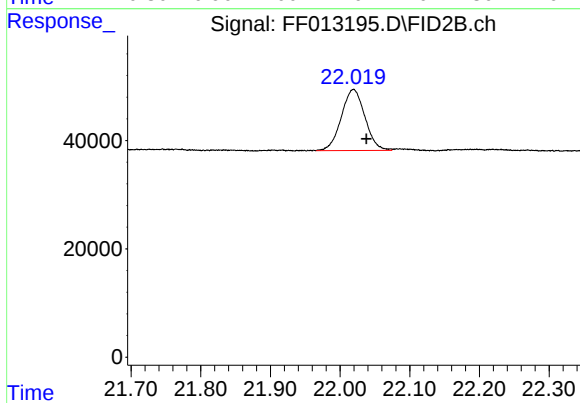
#20 n-Hexatriacontane (C36)

R.T.: 20.393 min
Delta R.T.: -0.011 min
Response: 345094
Conc: 3.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.013 min
Response: 286788
Conc: 2.84 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: -0.019 min
Response: 265790
Conc: 2.67 ug/ml m