

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036191.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2022 19:18
 Operator : YP\AJ
 Sample : N3422-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-14A-1A-12-GRMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/27/2022
 Supervised By :Ankita Jodhani 06/27/2022

Integration File: autoint1.e
 Quant Time: Jun 24 23:42:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 2022
 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...	13.312	5062554	32.700 ug/mlm
Spiked Amount 50.000		Recovery =	65.40%
Target Compounds			
1) T n-Nonane (C9)	3.260	2399010	13.338 ug/ml
2) T n-Decane (C10)	4.515	3666688	20.398 ug/ml
4) T n-Dodecane (C12)	6.683	5523281	29.820 ug/ml
6) T n-Tetradecane (C14)	8.510	7017493	37.536 ug/ml
7) T n-Hexadecane (C16)	10.116	7789865	41.597 ug/ml
8) T n-Octadecane (C18)	11.560	7873761	42.322 ug/mlm
10) T n-Eicosane (C20)	12.870	8086225	44.635 ug/mlm
11) T n-Heneicosane (C21)	13.482	7034144	39.159 ug/mlm
13) T n-Docosane (C22)	14.070	7862285	44.470 ug/mlm
14) T n-Tetracosane (C24)	15.175	7249786	42.328 ug/mlm
15) T n-Hexacosane (C26)	16.198	6793477	41.118 ug/mlm
16) T n-Octacosane (C28)	17.151	7803091	48.747 ug/mlm
17) T n-Tricontane (C30)	18.035	19629108	126.786 ug/ml
18) T n-Dotriacontane (C32)	18.865	6203003	42.447 ug/mlm
19) T n-Tetratriacontane (C34)	19.645	7487563	54.108 ug/mlm
20) T n-Hexatriacontane (C36)	20.383	4895471	36.466 ug/ml
21) T n-Octatriacontane (C38)	21.110	5333481	40.104 ug/ml
22) T n-Tetracontane (C40)	22.000	5325136	38.084 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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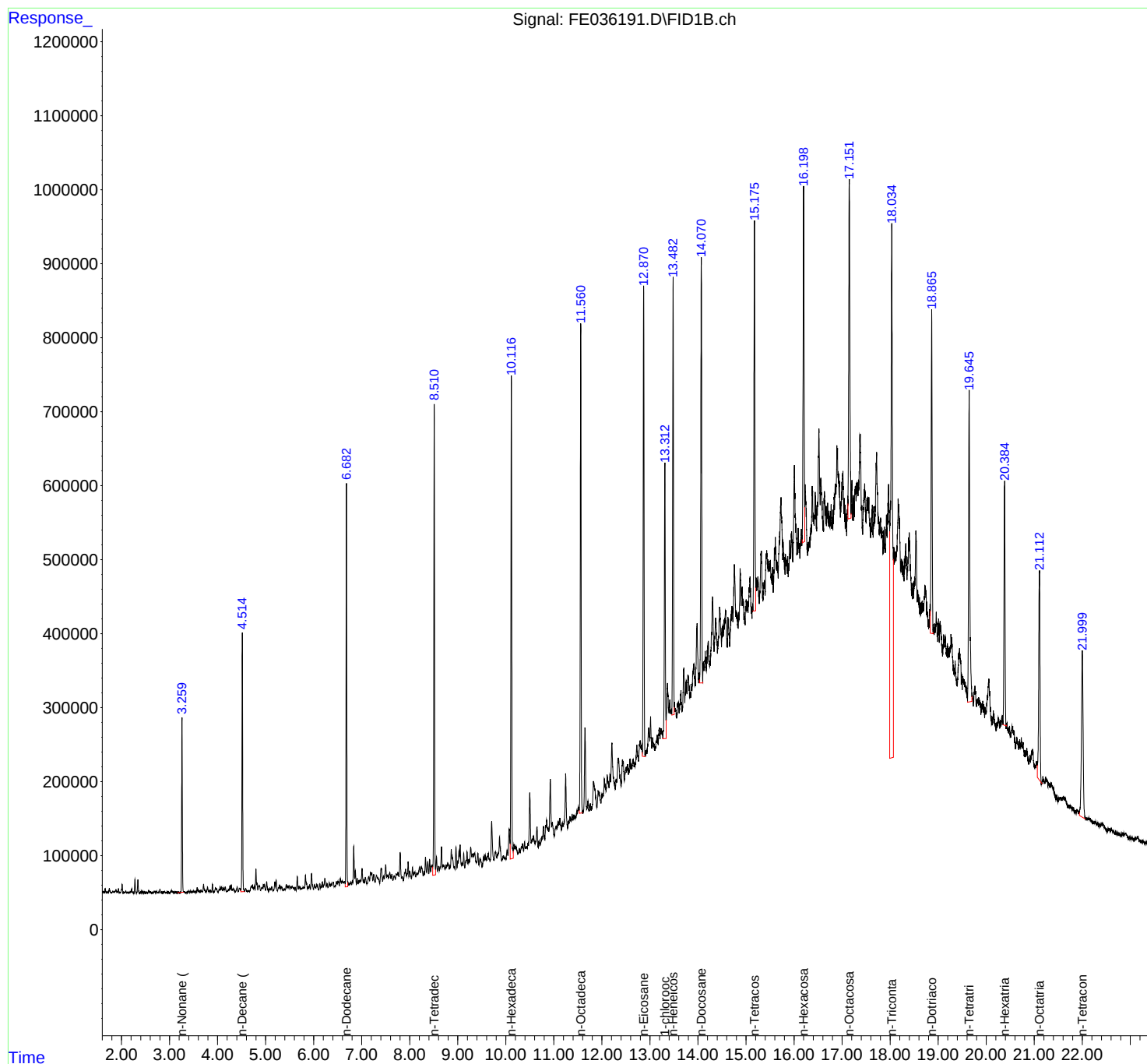
Instrument :
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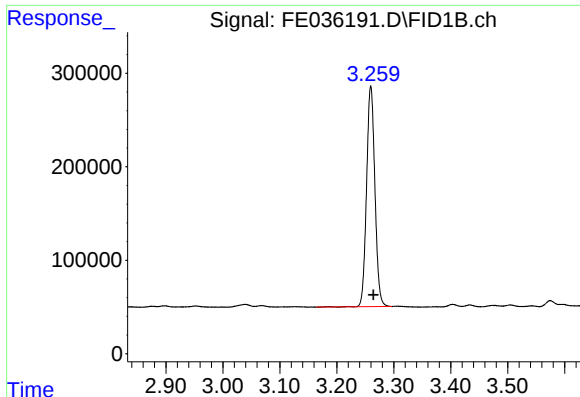
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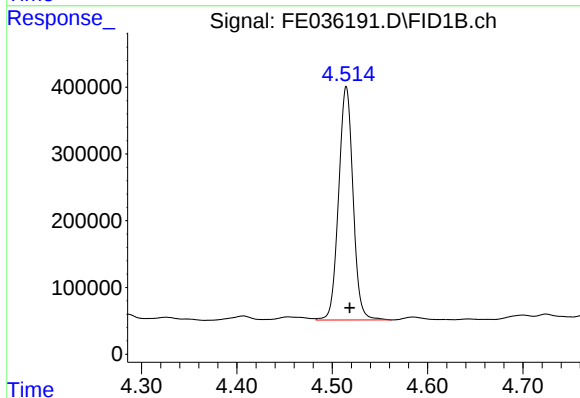
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: -0.004 min
Response: 2399010
Conc: 13.34 ug/ml

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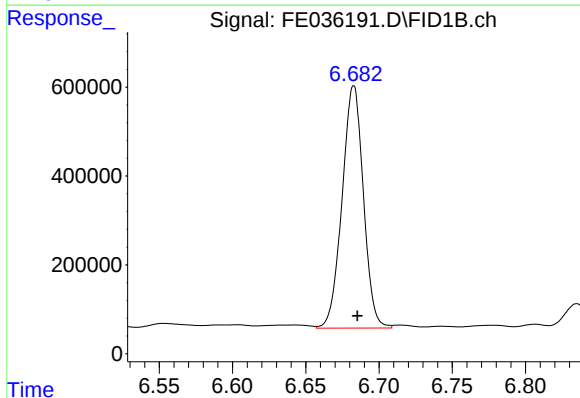
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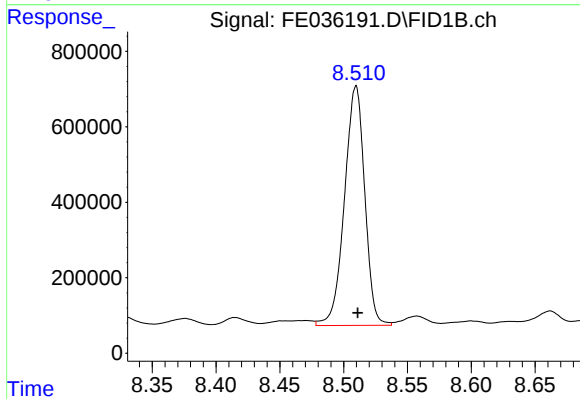
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.004 min
Response: 3666688
Conc: 20.40 ug/ml



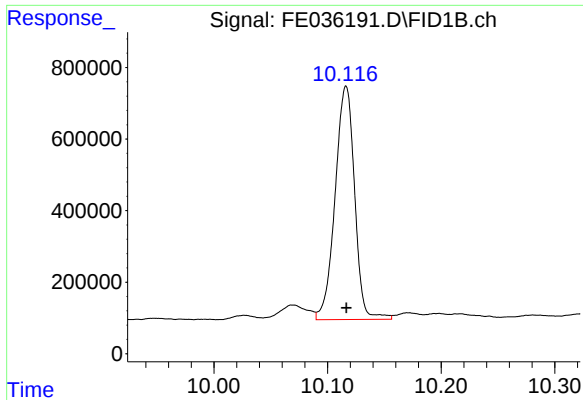
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 5523281
Conc: 29.82 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 7017493
Conc: 37.54 ug/ml



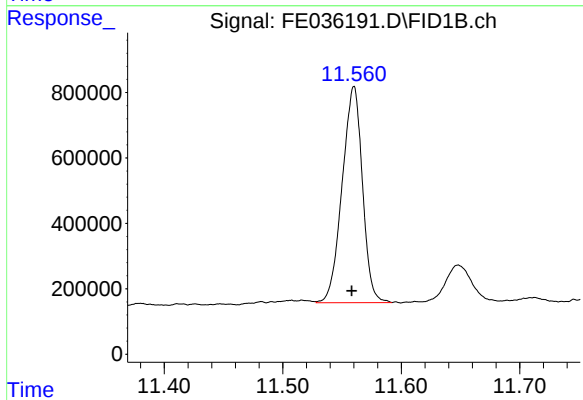
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 7789865
Conc: 41.60 ug/ml

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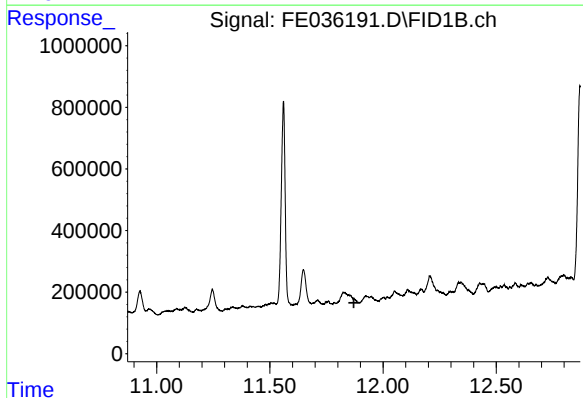
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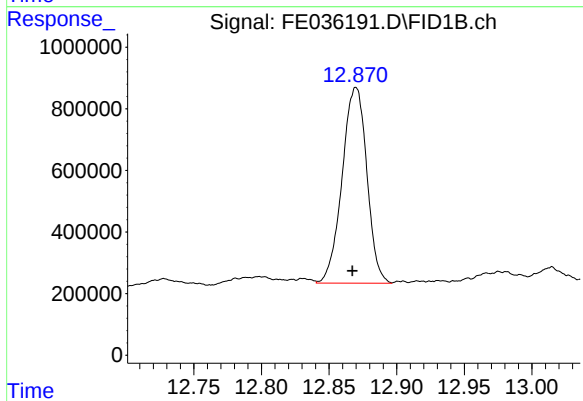
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 7873761
Conc: 42.32 ug/ml m



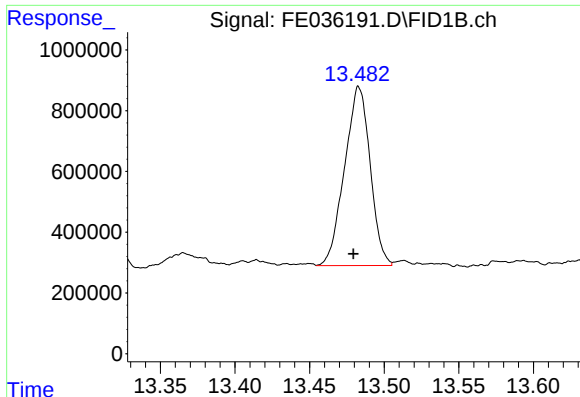
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.871 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: 0.002 min
Response: 8086225
Conc: 44.64 ug/ml m



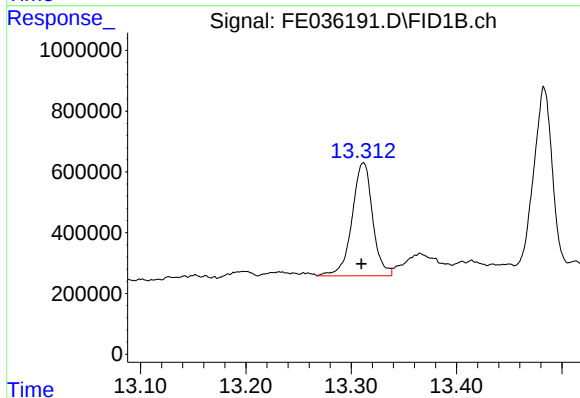
#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: 0.003 min
Response: 7034144
Conc: 39.16 ug/ml

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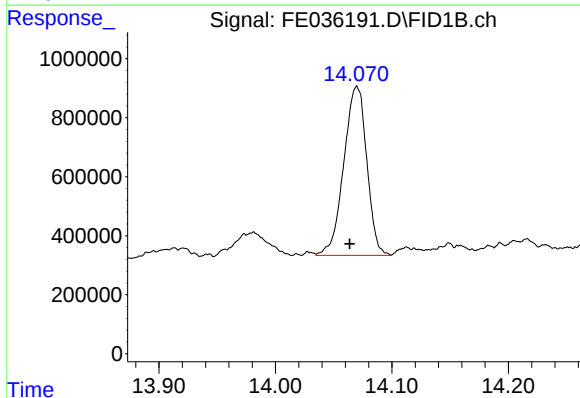
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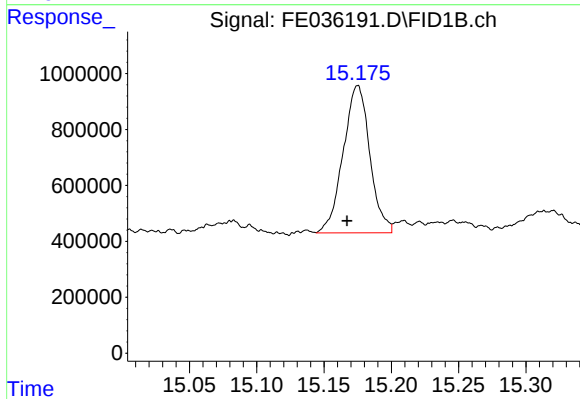
#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.002 min
Response: 5062554
Conc: 32.70 ug/ml m



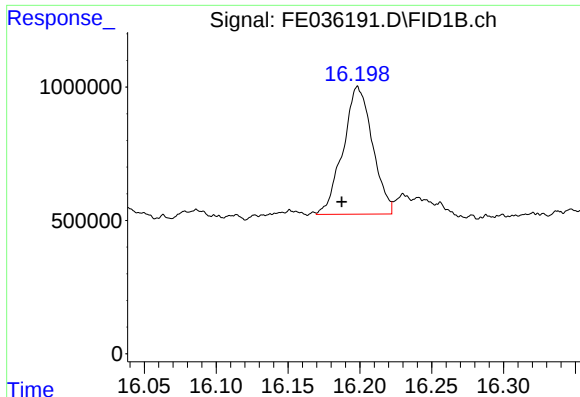
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: 0.006 min
Response: 7862285
Conc: 44.47 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.008 min
Response: 7249786
Conc: 42.33 ug/ml m



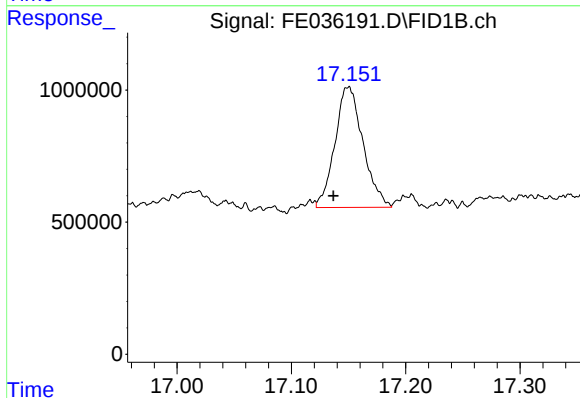
#15 n-Hexacosane (C26)

R.T.: 16.198 min
Delta R.T.: 0.011 min
Response: 6793477
Conc: 41.12 ug/ml

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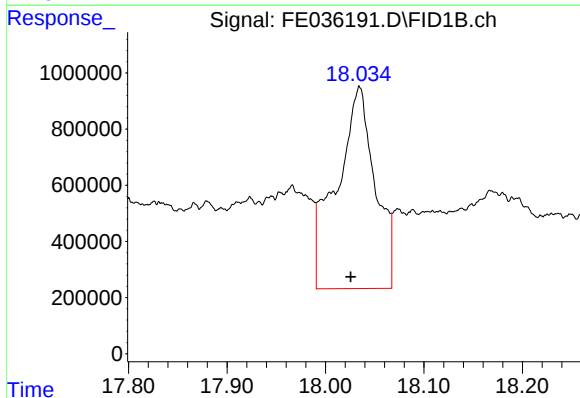
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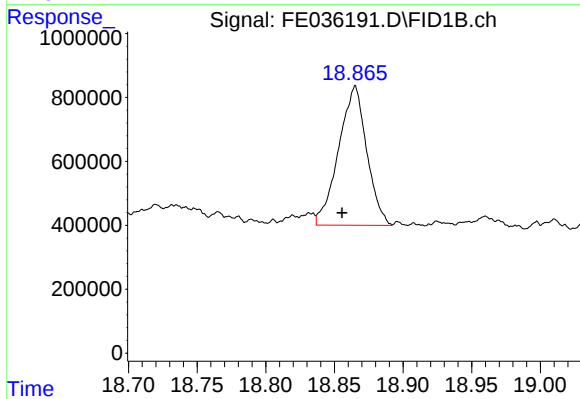
#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: 0.014 min
Response: 7803091
Conc: 48.75 ug/ml m



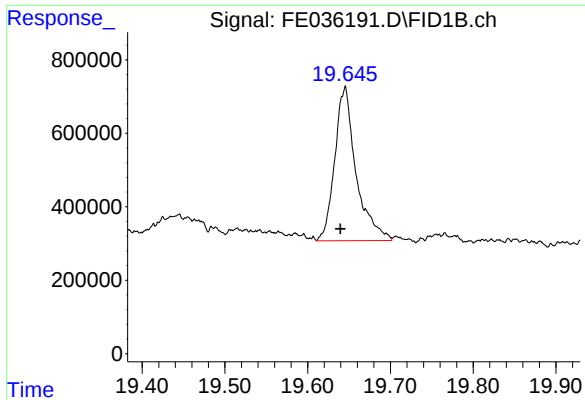
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.009 min
Response: 19629108
Conc: 126.79 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.009 min
Response: 6203003
Conc: 42.45 ug/ml m



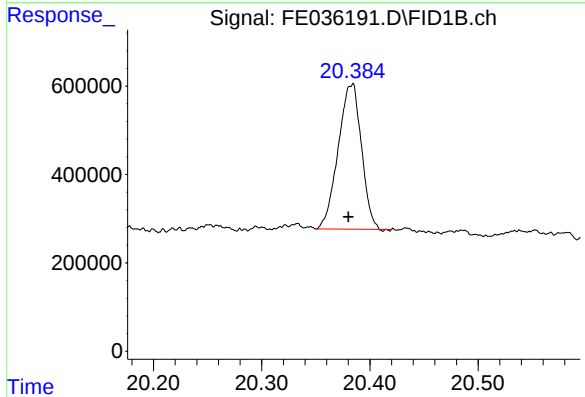
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.006 min
Response: 7487563
Conc: 54.11 ug/ml

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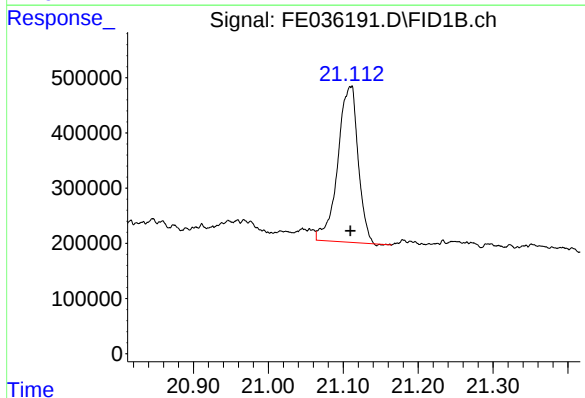
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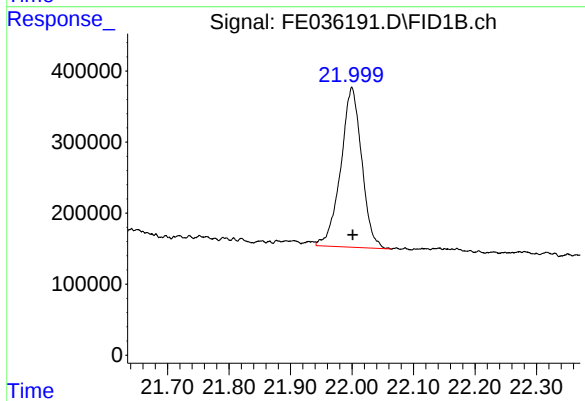
#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.003 min
Response: 4895471
Conc: 36.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: 0.000 min
Response: 5333481
Conc: 40.10 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.001 min
Response: 5325136
Conc: 38.08 ug/ml