

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062422AL\
 Data File : FE036190.D
 Signal(s) : FID1B.ch
 Acq On : 24 Jun 2022 18:47
 Operator : YP\AJ
 Sample : N3422-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

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 23:41:53 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...	13.311	4850045	31.327 ug/mlm
Spiked Amount 50.000		Recovery =	62.65%
Target Compounds			
1) T n-Nonane (C9)	3.259	2409399	13.396 ug/ml
2) T n-Decane (C10)	4.515	3673759	20.437 ug/ml
4) T n-Dodecane (C12)	6.683	5508037	29.737 ug/ml
6) T n-Tetradecane (C14)	8.510	7023436	37.568 ug/ml
7) T n-Hexadecane (C16)	10.117	7860872	41.976 ug/ml
8) T n-Octadecane (C18)	11.560	7878457	42.348 ug/mlm
10) T n-Eicosane (C20)	12.869	8198774	45.257 ug/mlm
11) T n-Heneicosane (C21)	13.483	7085043	39.443 ug/mlm
13) T n-Docosane (C22)	14.069	7915370	44.770 ug/mlm
14) T n-Tetracosane (C24)	15.175	7376813	43.070 ug/mlm
15) T n-Hexacosane (C26)	16.199	7178466	43.448 ug/mlm
16) T n-Octacosane (C28)	17.150	8457361	52.834 ug/mlm
17) T n-Tricontane (C30)	18.035	7114793	45.955 ug/mlm
18) T n-Dotriacontane (C32)	18.865	7064349	48.341 ug/mlm
19) T n-Tetratriacontane (C34)	19.645	7223356	52.199 ug/mlm
20) T n-Hexatriacontane (C36)	20.384	4871944	36.291 ug/ml
21) T n-Octatriacontane (C38)	21.111	5191033	39.033 ug/ml
22) T n-Tetracontane (C40)	22.004	5419551	38.759 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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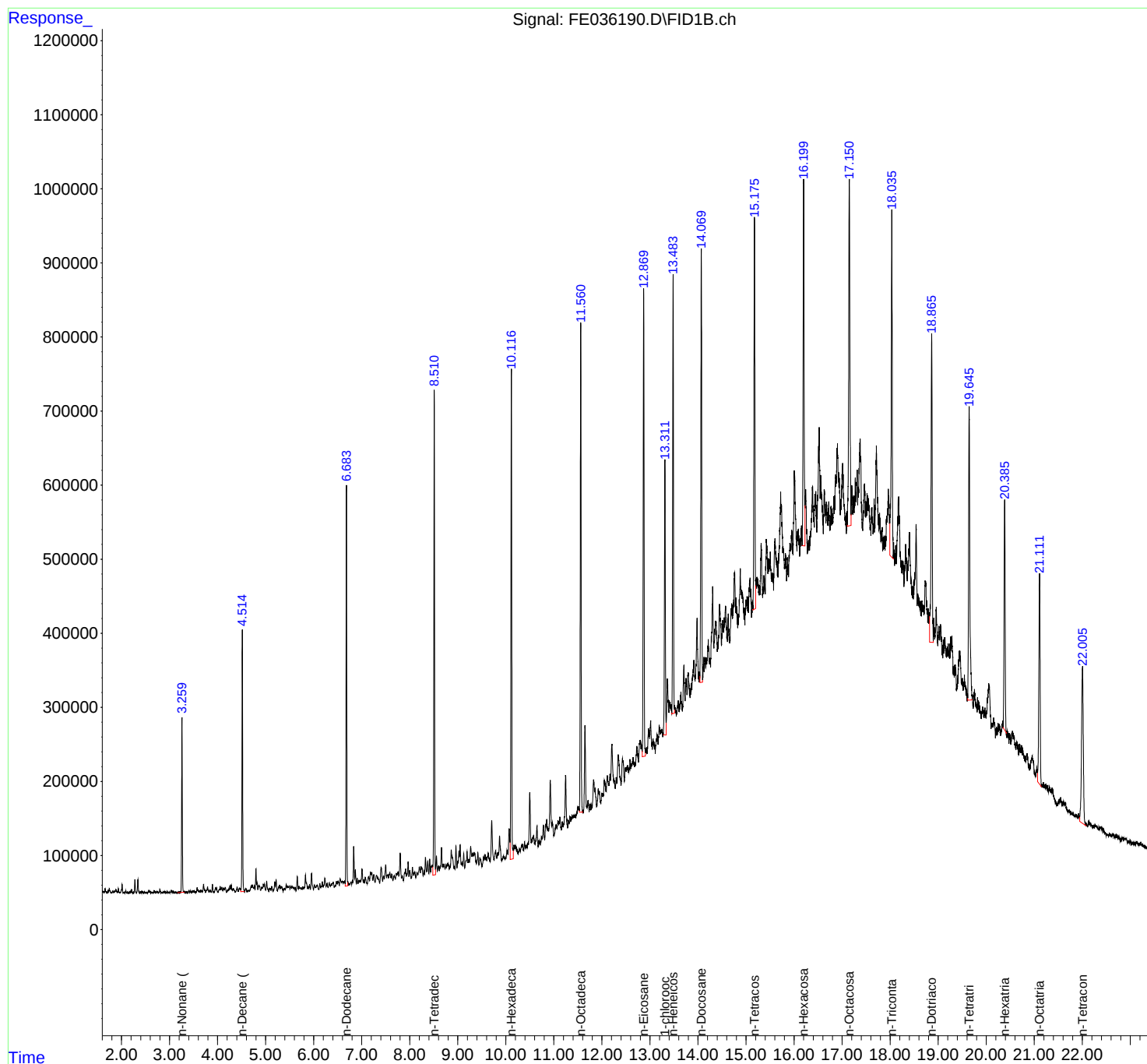
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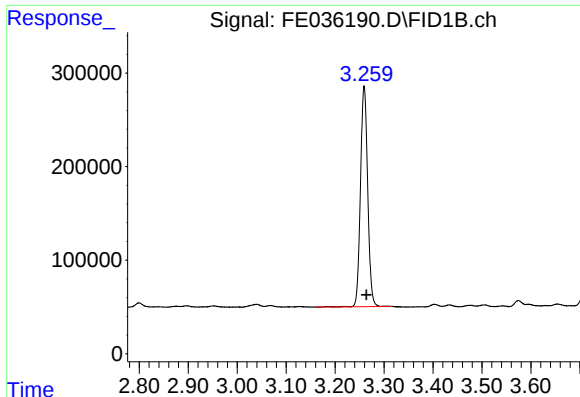
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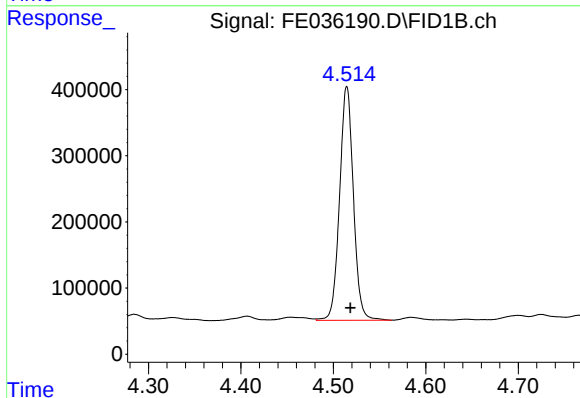
#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.005 min
Response: 2409399
Conc: 13.40 ug/ml

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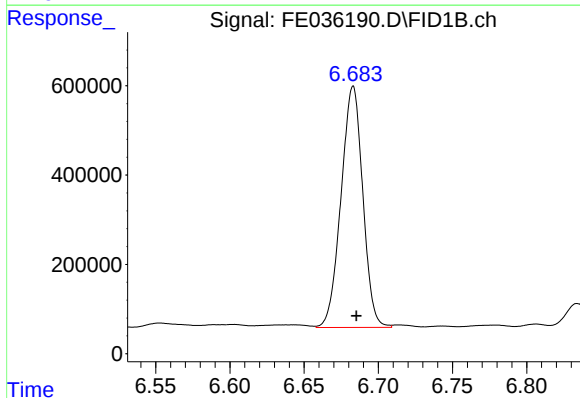
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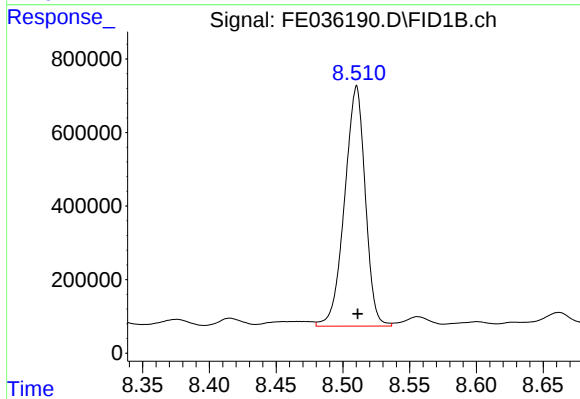
#2 n-Decane (C10)

R.T.: 4.515 min
Delta R.T.: -0.004 min
Response: 3673759
Conc: 20.44 ug/ml



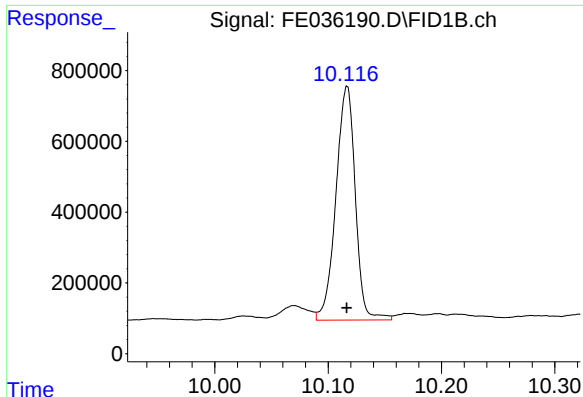
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.002 min
Response: 5508037
Conc: 29.74 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: 0.000 min
Response: 7023436
Conc: 37.57 ug/ml



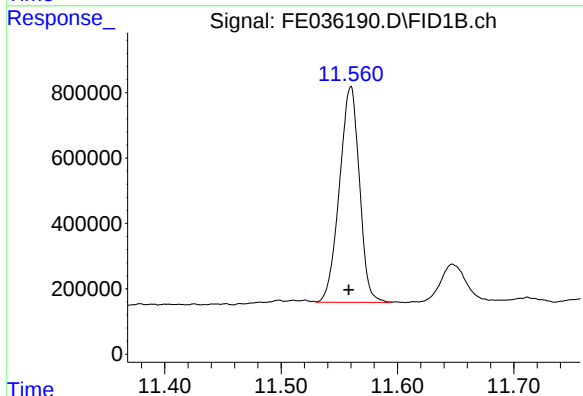
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 7860872
Conc: 41.98 ug/ml

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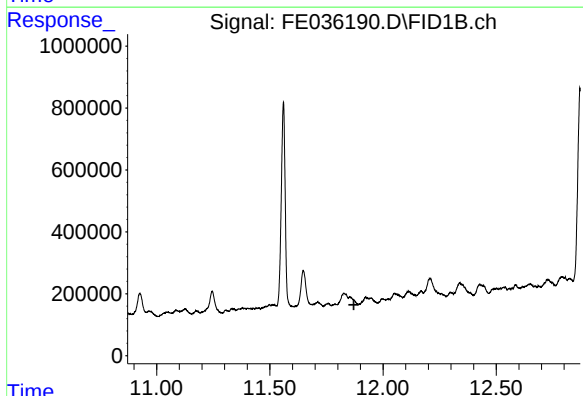
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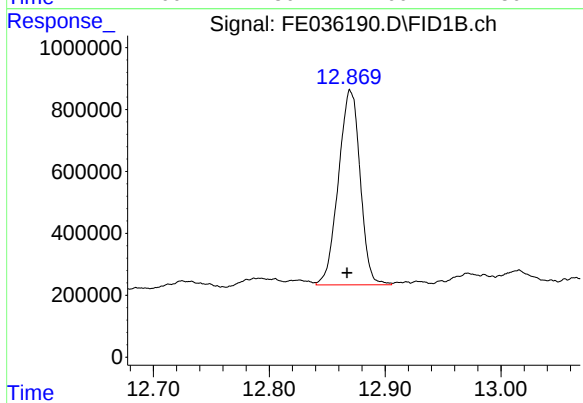
#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 7878457
Conc: 42.35 ug/ml m



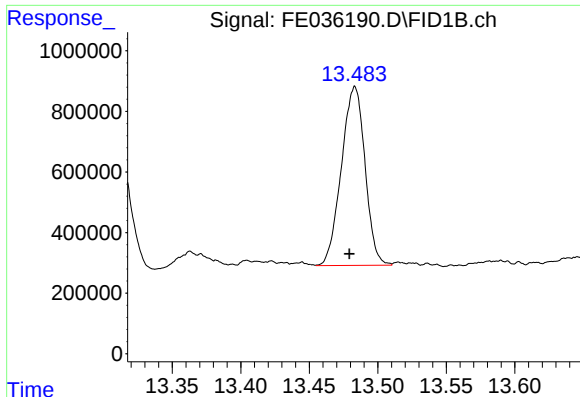
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 8198774
Conc: 45.26 ug/ml m



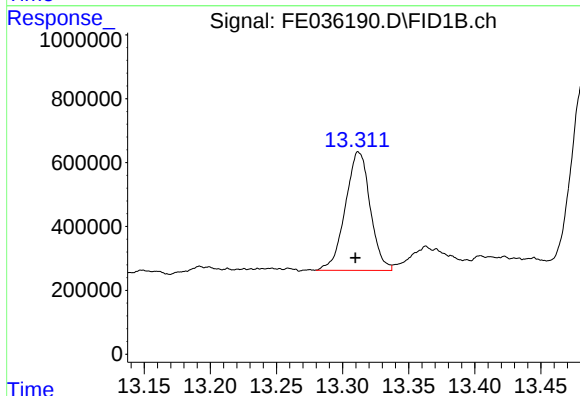
#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: 0.004 min
Response: 7085043
Conc: 39.44 ug/ml

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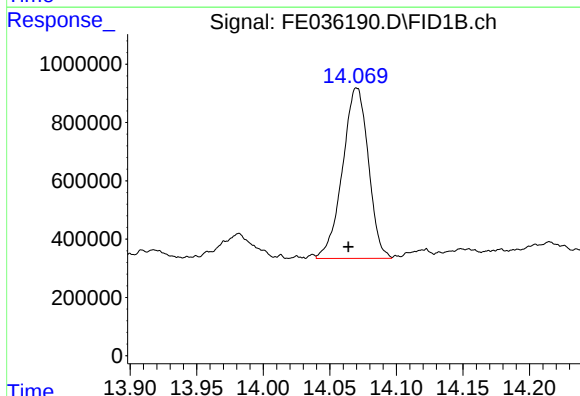
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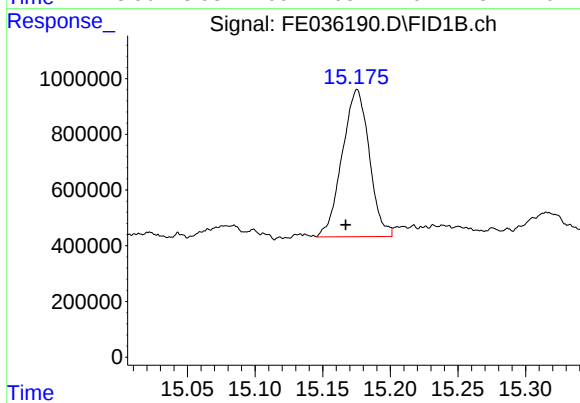
#12 1-chlorooctadecane (SURR)

R.T.: 13.311 min
Delta R.T.: 0.002 min
Response: 4850045
Conc: 31.33 ug/ml m



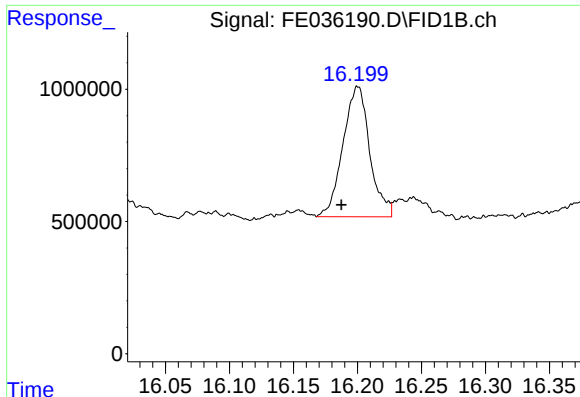
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: 0.006 min
Response: 7915370
Conc: 44.77 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.175 min
Delta R.T.: 0.008 min
Response: 7376813
Conc: 43.07 ug/ml m



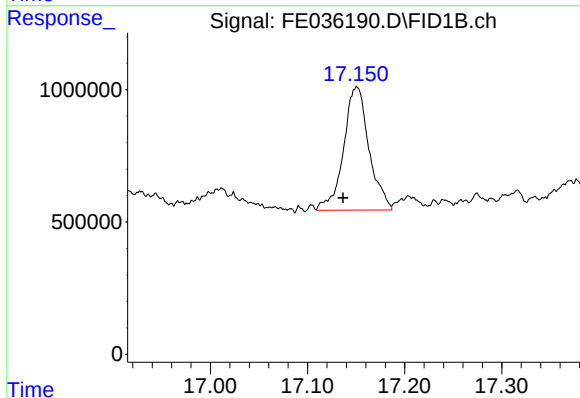
#15 n-Hexacosane (C26)

R.T.: 16.199 min
Delta R.T.: 0.012 min
Response: 7178466
Conc: 43.45 ug/ml

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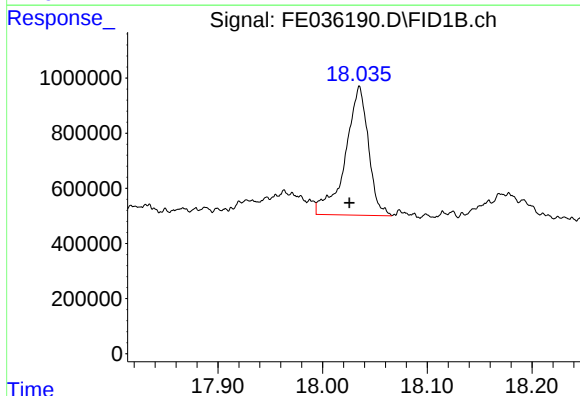
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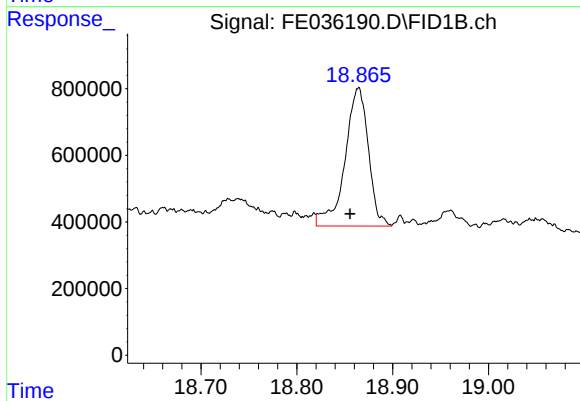
#16 n-Octacosane (C28)

R.T.: 17.150 min
Delta R.T.: 0.013 min
Response: 8457361
Conc: 52.83 ug/ml m



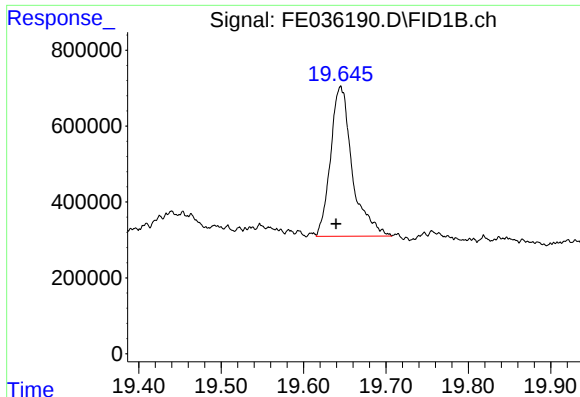
#17 n-Tricontane (C30)

R.T.: 18.035 min
Delta R.T.: 0.009 min
Response: 7114793
Conc: 45.95 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.865 min
Delta R.T.: 0.009 min
Response: 7064349
Conc: 48.34 ug/ml m



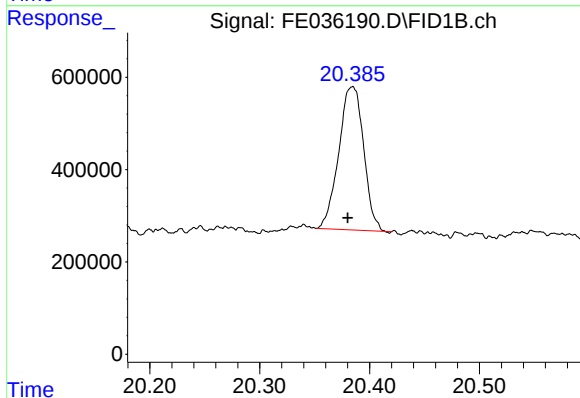
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.006 min
Response: 7223356
Conc: 52.20 ug/ml

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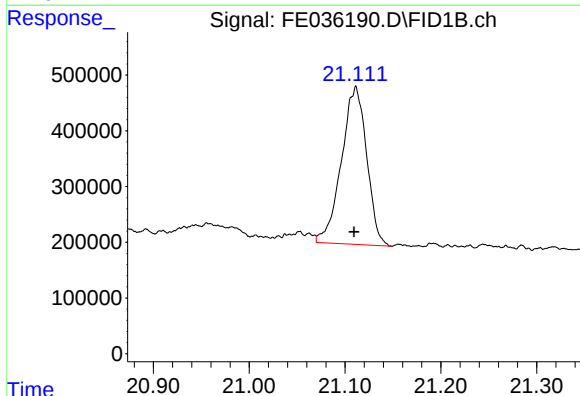
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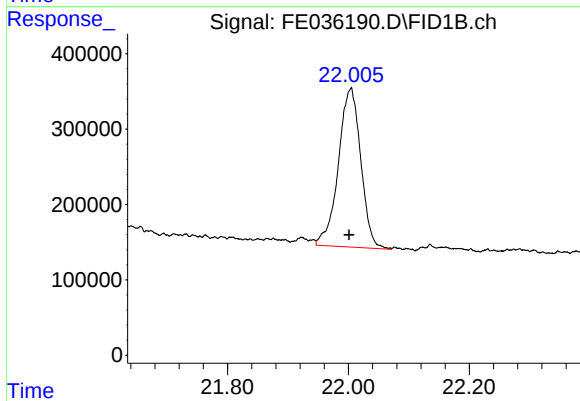
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.004 min
Response: 4871944
Conc: 36.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.111 min
Delta R.T.: 0.002 min
Response: 5191033
Conc: 39.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: 0.003 min
Response: 5419551
Conc: 38.76 ug/ml