

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080324AL\
 Data File : FE049437.D
 Signal(s) : FID1B.ch
 Acq On : 03 Aug 2024 14:10
 Operator : YP\AJ
 Sample : P3390-09
 Misc : 2.5 PPM WATER LOQ
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2024
 Supervised By :Ankita Jodhani 08/05/2024

Integration File: autoint1.e
 Quant Time: Aug 05 02:06:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 2024
 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	6501935	55.650 ug/ml
Spiked Amount 50.000		Recovery =	111.30%
Target Compounds			
1) T n-Nonane (C9)	3.284	240805	1.601 ug/ml
2) T n-Decane (C10)	4.533	302677	1.960 ug/mlm
4) T n-Dodecane (C12)	6.700	463038	3.007 ug/ml
6) T n-Tetradecane (C14)	8.527	437591	2.883 ug/ml
7) T n-Hexadecane (C16)	10.134	376386	2.482 ug/ml
8) T n-Octadecane (C18)	11.575	394567	2.599 ug/ml
10) T n-Eicosane (C20)	12.884	416028	2.877 ug/ml
11) T n-Heneicosane (C21)	13.496	412347	2.908 ug/ml
13) T n-Docosane (C22)	14.081	432662	3.080 ug/ml
14) T n-Tetracosane (C24)	15.183	474115	3.383 ug/ml
15) T n-Hexacosane (C26)	16.202	495496	3.534 ug/ml
16) T n-Octacosane (C28)	17.151	516830	3.693 ug/ml
17) T n-Tricontane (C30)	18.038	534465	3.664 ug/ml
18) T n-Dotriacontane (C32)	18.870	539615	3.670 ug/ml
19) T n-Tetratriacontane (C34)	19.653	474003	3.245 ug/ml
20) T n-Hexatriacontane (C36)	20.392	432314	2.999 ug/ml
21) T n-Octatriacontane (C38)	21.122	433879	2.899 ug/ml
22) T n-Tetracontane (C40)	22.019	419031	2.777 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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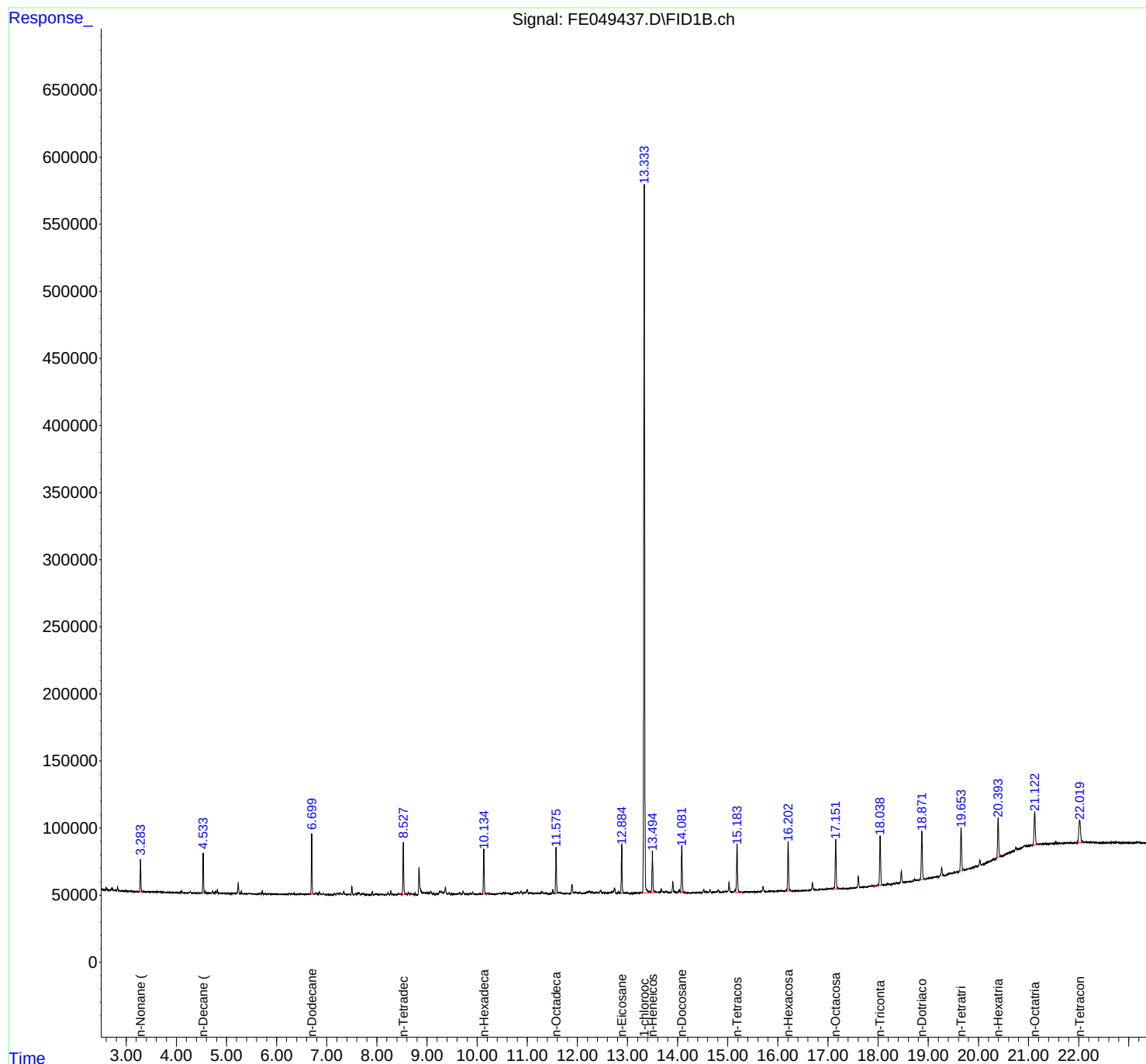
Instrument :
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ClientSampleId :
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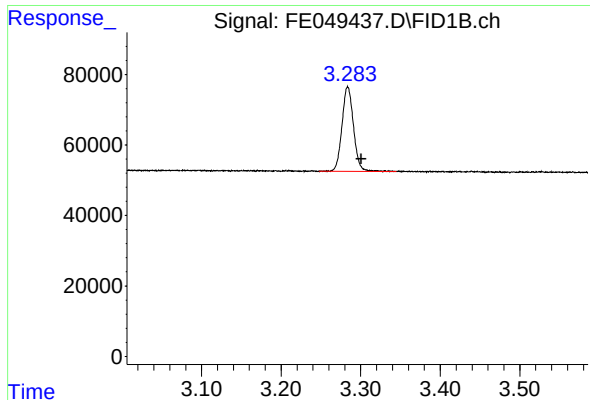
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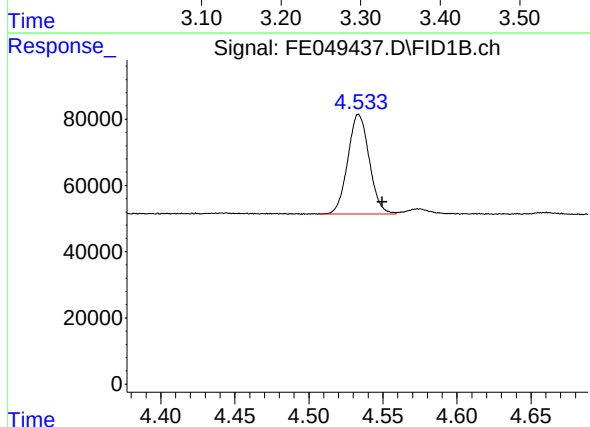
#1 n-Nonane (C9)

R.T.: 3.284 min
Delta R.T.: -0.017 min
Response: 240805
Conc: 1.60 ug/ml

Instrument :
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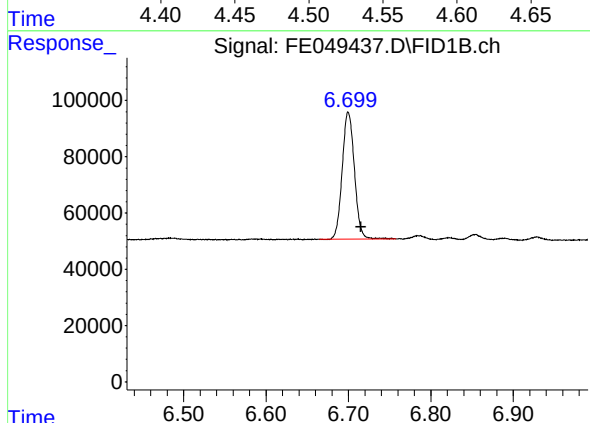
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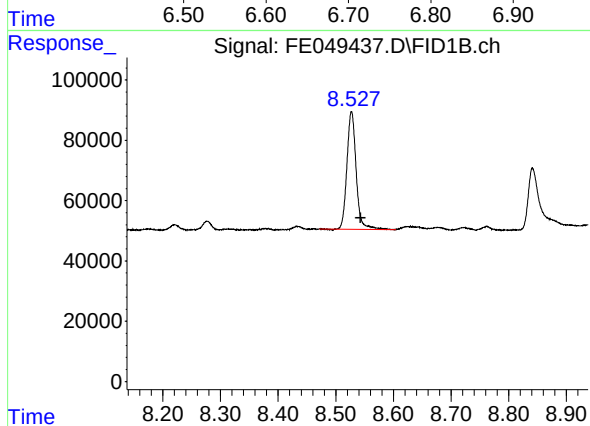
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.016 min
Response: 302677
Conc: 1.96 ug/ml m



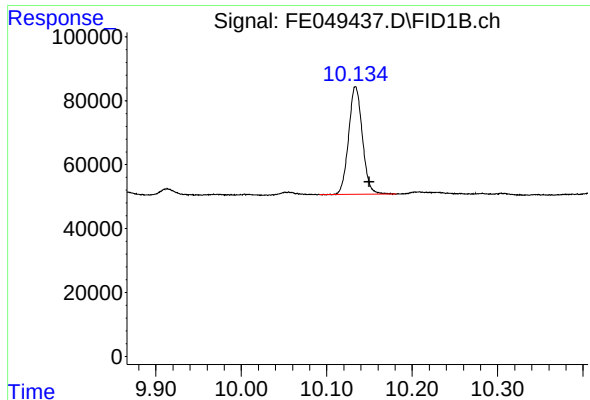
#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.015 min
Response: 463038
Conc: 3.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.016 min
Response: 437591
Conc: 2.88 ug/ml



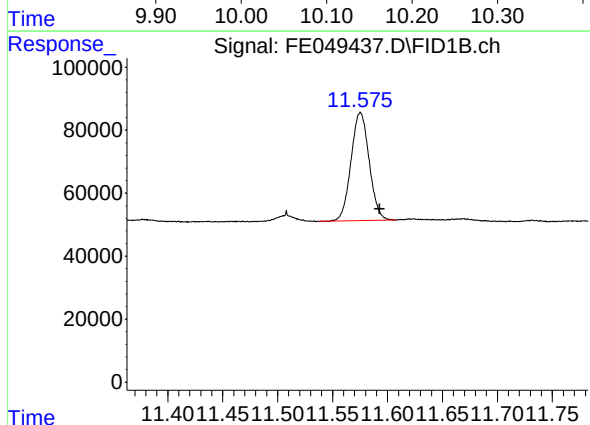
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.016 min
Response: 376386
Conc: 2.48 ug/ml

Instrument :
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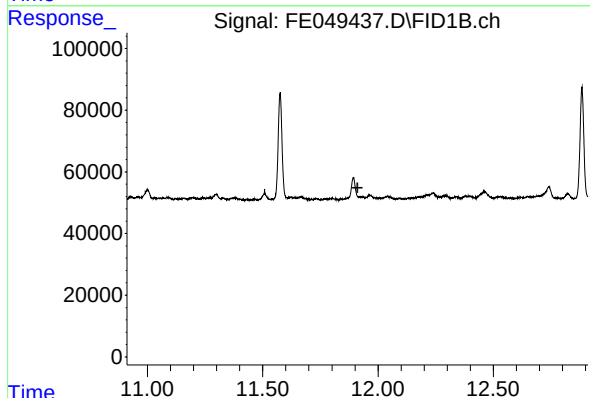
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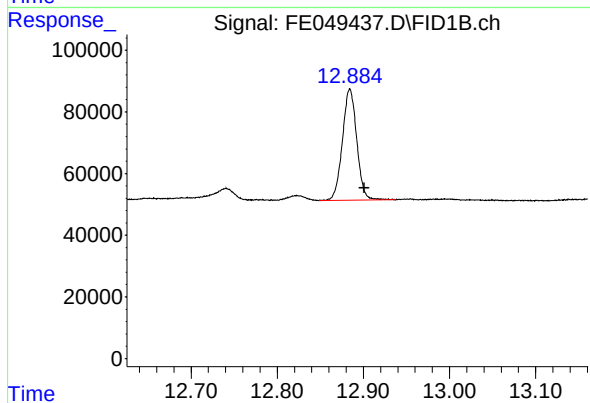
#8 n-Octadecane (C18)

R.T.: 11.575 min
Delta R.T.: -0.018 min
Response: 394567
Conc: 2.60 ug/ml



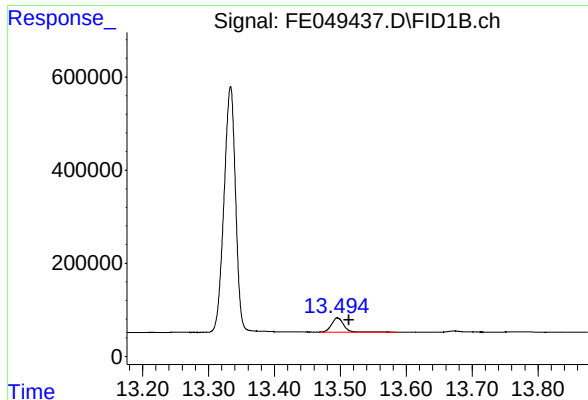
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.911 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 416028
Conc: 2.88 ug/ml



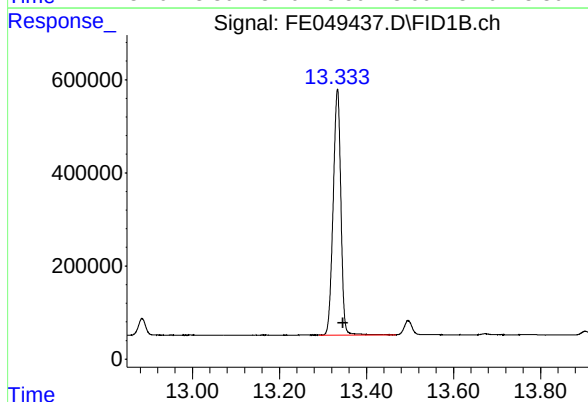
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.017 min
Response: 412347
Conc: 2.91 ug/ml

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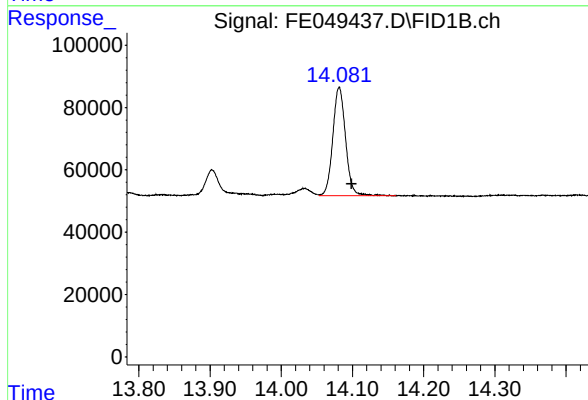
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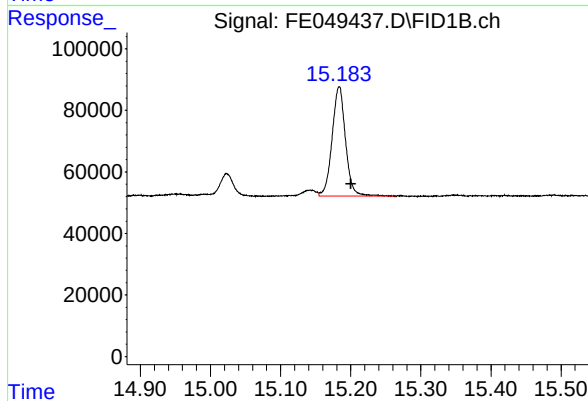
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.013 min
Response: 6501935
Conc: 55.65 ug/ml



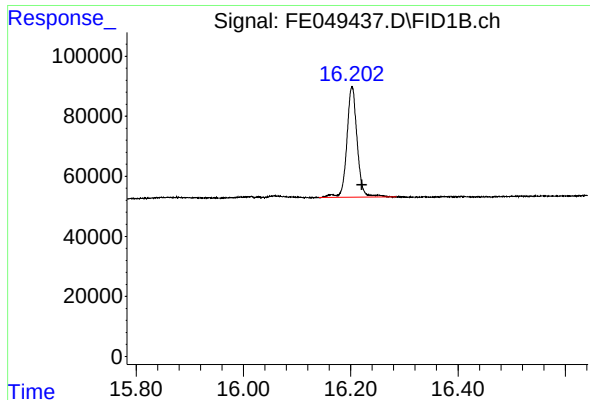
#13 n-Docosane (C22)

R.T.: 14.081 min
Delta R.T.: -0.018 min
Response: 432662
Conc: 3.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.017 min
Response: 474115
Conc: 3.38 ug/ml



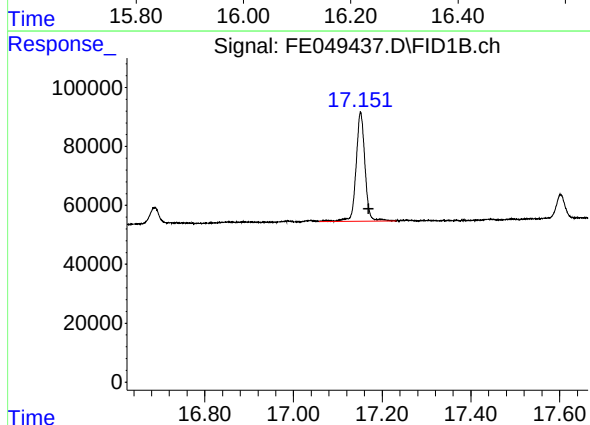
#15 n-Hexacosane (C26)

R.T.: 16.202 min
Delta R.T.: -0.018 min
Response: 495496
Conc: 3.53 ug/ml

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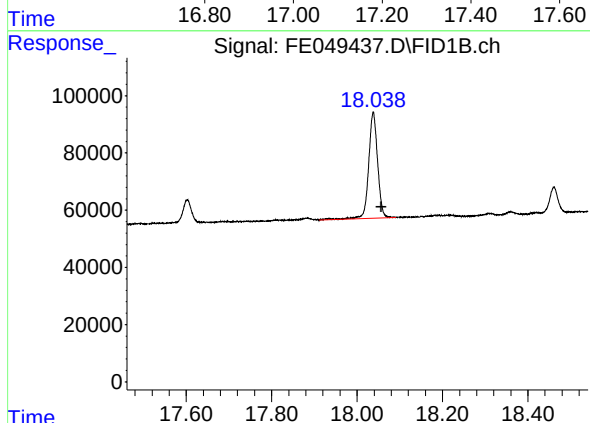
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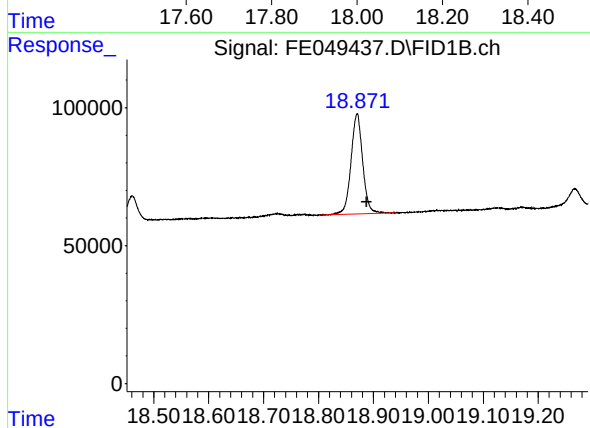
#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: -0.018 min
Response: 516830
Conc: 3.69 ug/ml



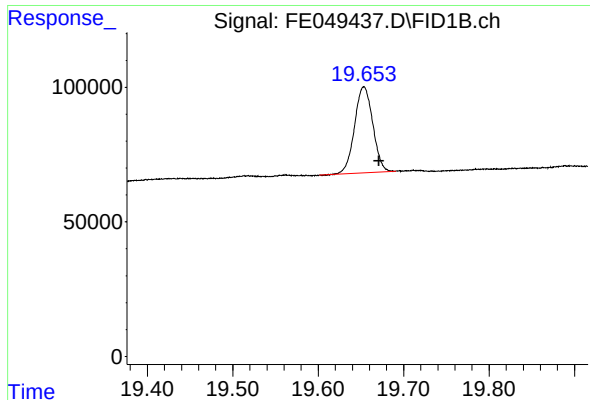
#17 n-Tricontane (C30)

R.T.: 18.038 min
Delta R.T.: -0.019 min
Response: 534465
Conc: 3.66 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.870 min
Delta R.T.: -0.018 min
Response: 539615
Conc: 3.67 ug/ml



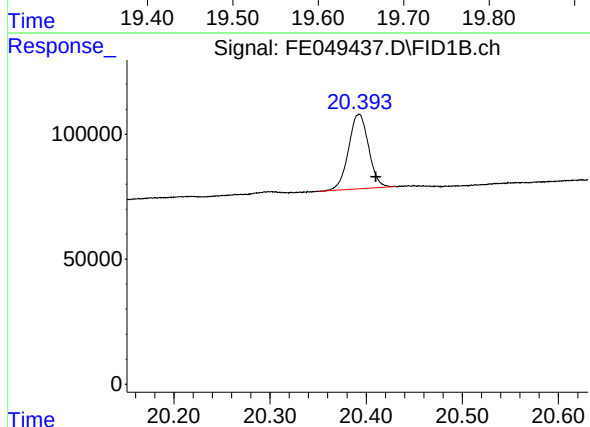
#19 n-Tetratriacontane (C34)

R.T.: 19.653 min
Delta R.T.: -0.017 min
Response: 474003
Conc: 3.25 ug/ml

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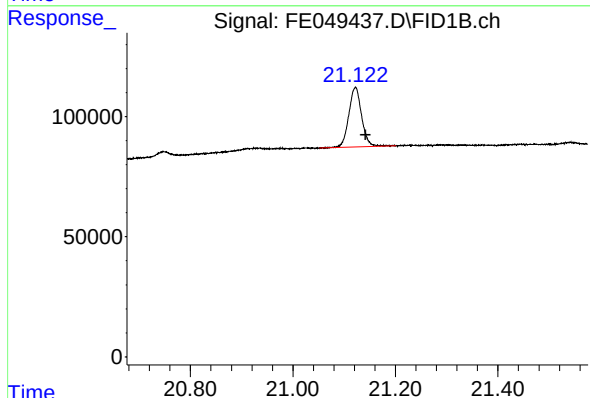
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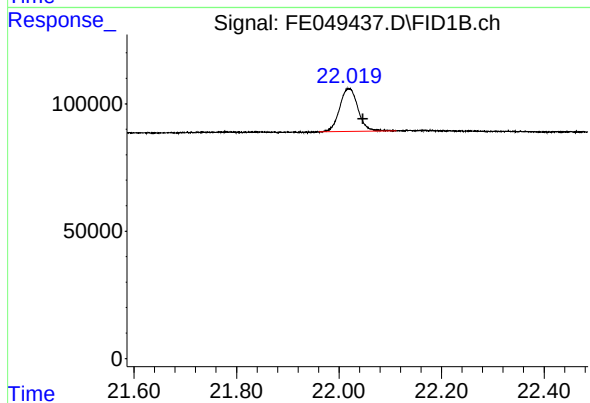
#20 n-Hexatriacontane (C36)

R.T.: 20.392 min
Delta R.T.: -0.018 min
Response: 432314
Conc: 3.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: -0.020 min
Response: 433879
Conc: 2.90 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.019 min
Delta R.T.: -0.027 min
Response: 419031
Conc: 2.78 ug/ml