

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081022AL\
 Data File : FE036982.D
 Signal(s) : FID1B.ch
 Acq On : 10 Aug 2022 13:24
 Operator : YP\AJ
 Sample : N3980-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2022
 Supervised By :Ankita Jodhani 08/11/2022

Integration File: sample.E
 Quant Time: Aug 10 14:08:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 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...	13.272	3547736	23.318 ug/ml
Spiked Amount 50.000		Recovery =	46.64%
Target Compounds			
1) T n-Nonane (C9)	3.221	329687	2.139 ug/ml
2) T n-Decane (C10)	4.474	404572	2.625 ug/ml
4) T n-Dodecane (C12)	6.643	497663	3.169 ug/ml
6) T n-Tetradecane (C14)	8.470	514402	3.151 ug/ml
7) T n-Hexadecane (C16)	10.075	467295	2.835 ug/ml
8) T n-Octadecane (C18)	11.517	498361	2.932 ug/ml
10) T n-Eicosane (C20)	12.825	504365	2.965 ug/ml
11) T n-Heneicosane (C21)	13.439	501954	2.933 ug/ml
13) T n-Docosane (C22)	14.025	497773	2.915 ug/ml
14) T n-Tetracosane (C24)	15.128	529298	3.105 ug/ml
15) T n-Hexacosane (C26)	16.149	481314	2.879 ug/ml
16) T n-Octacosane (C28)	17.100	477049	2.921 ug/ml
17) T n-Tricontane (C30)	17.988	482786	3.177 ug/ml
18) T n-Dotriacontane (C32)	18.824	492971	4.099 ug/ml
19) T n-Tetratriacontane (C34)	19.608	465009	5.584 ug/mlm
20) T n-Hexatriacontane (C36)	20.347	466094	7.938 ug/mlm
21) T n-Octatriacontane (C38)	21.071	418439	8.346 ug/mlm
22) T n-Tetracontane (C40)	21.951	517624	10.023 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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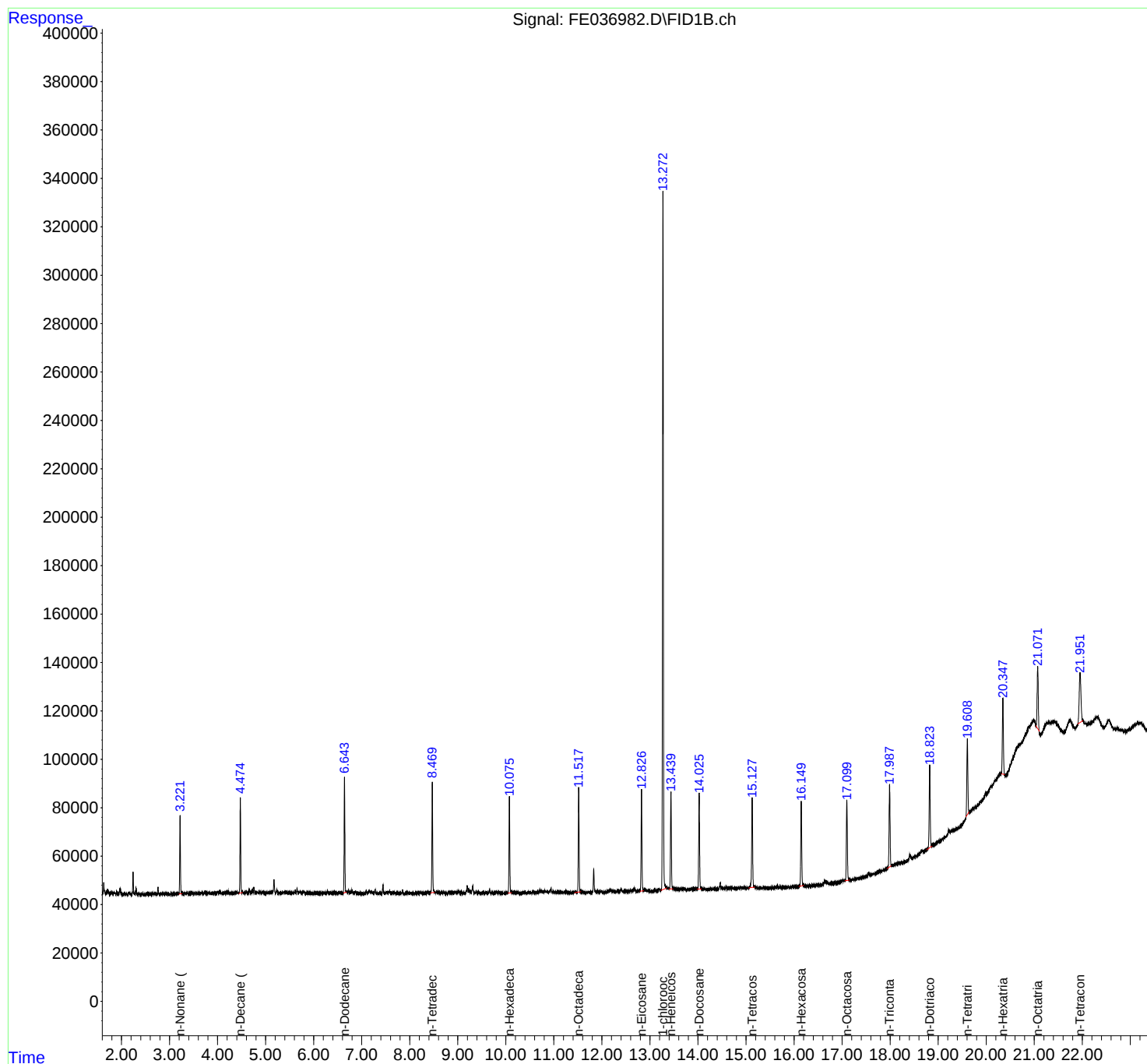
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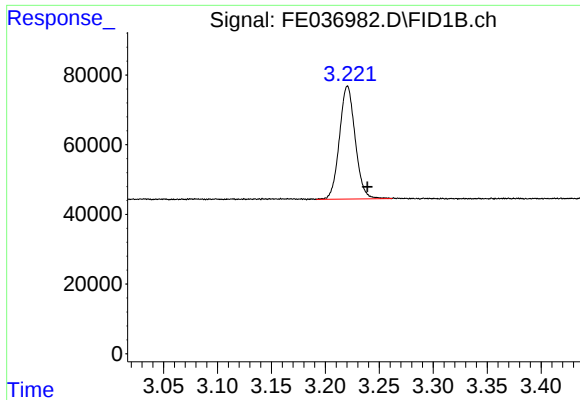
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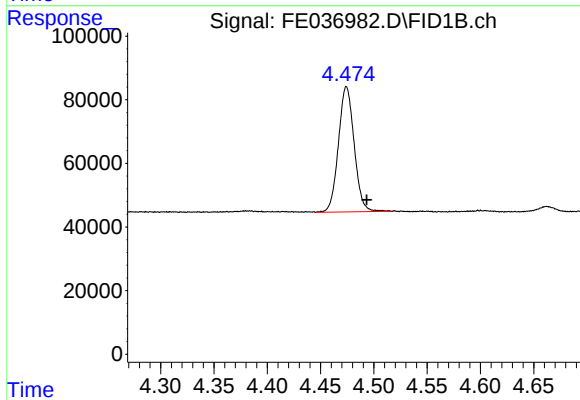
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.018 min
Response: 329687
Conc: 2.14 ug/ml

Instrument :
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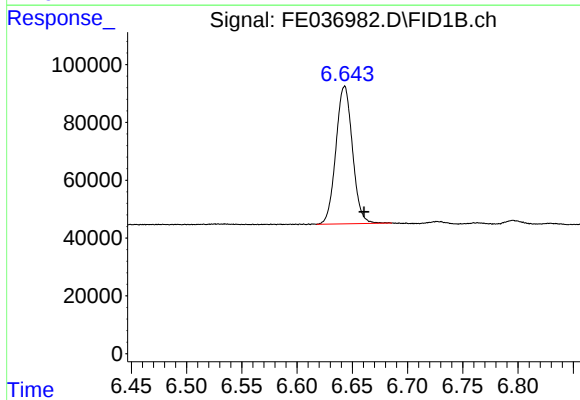
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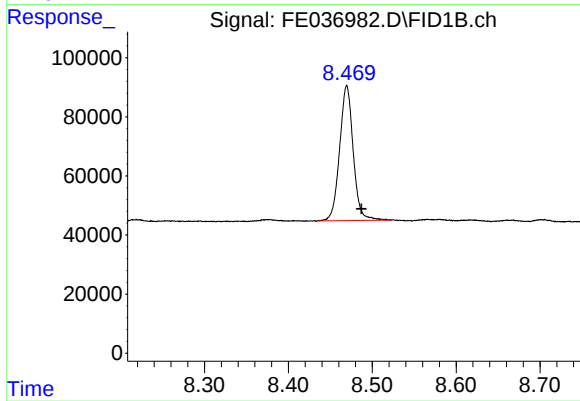
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: -0.019 min
Response: 404572
Conc: 2.62 ug/ml



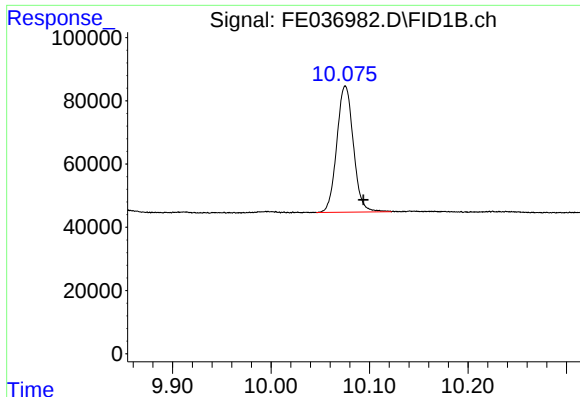
#4 n-Dodecane (C12)

R.T.: 6.643 min
Delta R.T.: -0.018 min
Response: 497663
Conc: 3.17 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.018 min
Response: 514402
Conc: 3.15 ug/ml



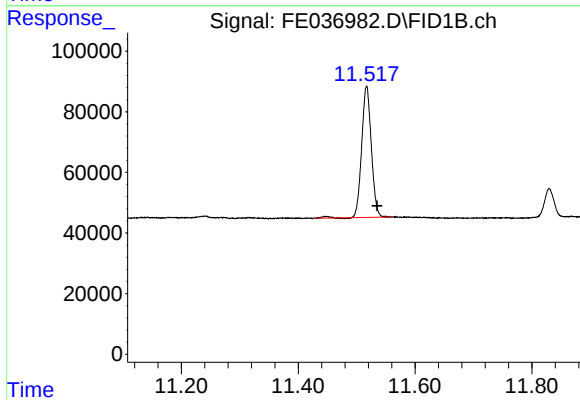
#7 n-Hexadecane (C16)

R.T.: 10.075 min
Delta R.T.: -0.018 min
Response: 467295
Conc: 2.84 ug/ml

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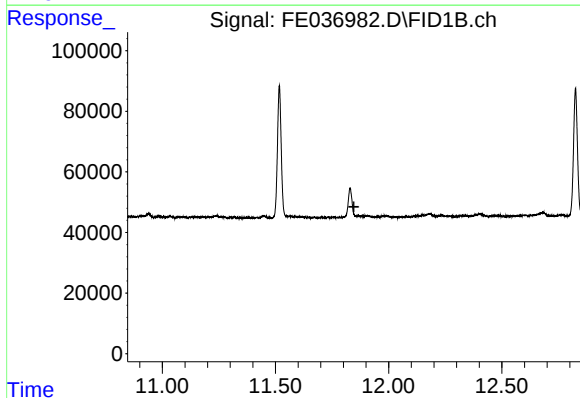
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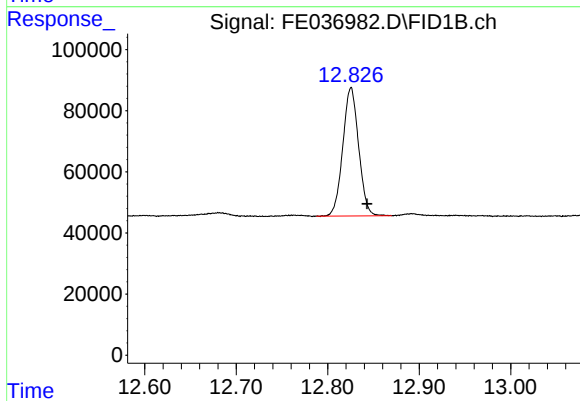
#8 n-Octadecane (C18)

R.T.: 11.517 min
Delta R.T.: -0.018 min
Response: 498361
Conc: 2.93 ug/ml



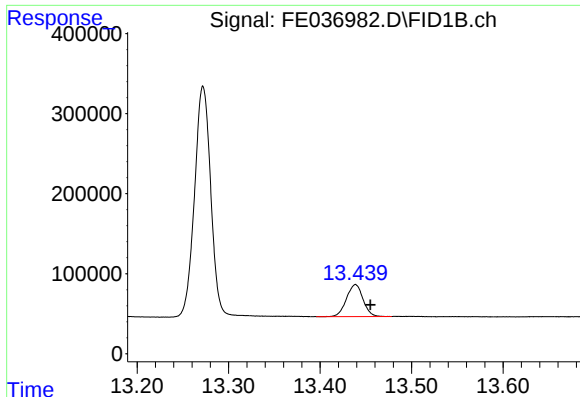
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.018 min
Response: 504365
Conc: 2.97 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.016 min
Response: 501954
Conc: 2.93 ug/ml

Instrument :

FID_E

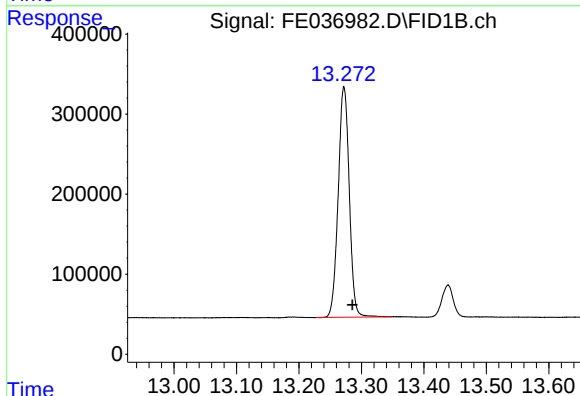
ClientSampleId :

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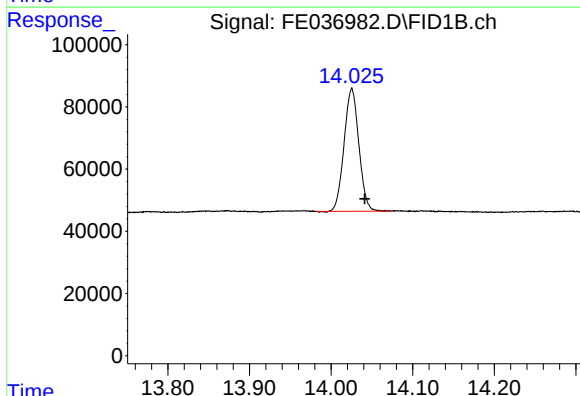
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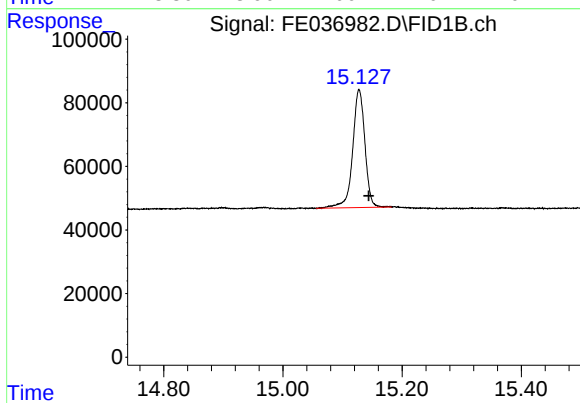
#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.013 min
Response: 3547736
Conc: 23.32 ug/ml



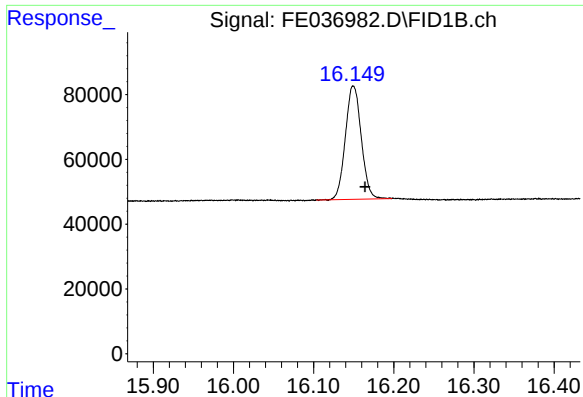
#13 n-Docosane (C22)

R.T.: 14.025 min
Delta R.T.: -0.016 min
Response: 497773
Conc: 2.92 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.128 min
Delta R.T.: -0.016 min
Response: 529298
Conc: 3.11 ug/ml



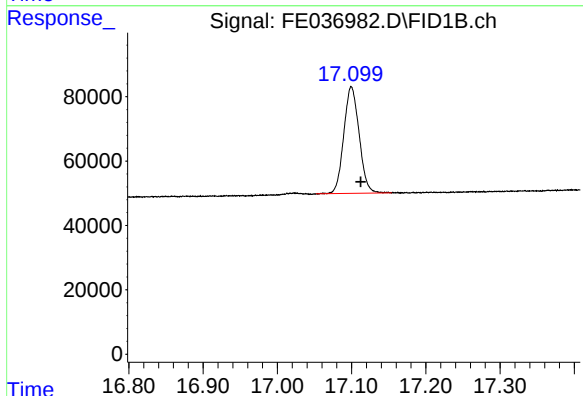
#15 n-Hexacosane (C26)

R.T.: 16.149 min
Delta R.T.: -0.015 min
Response: 481314
Conc: 2.88 ug/ml

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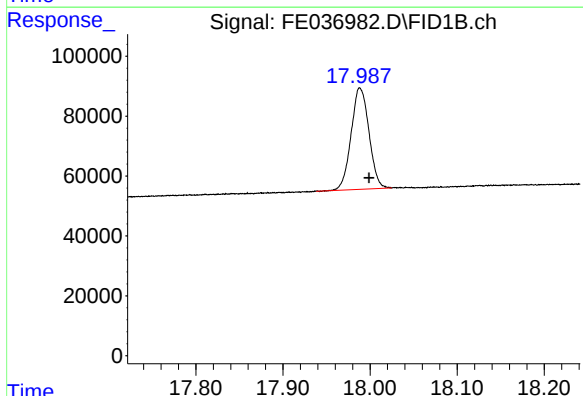
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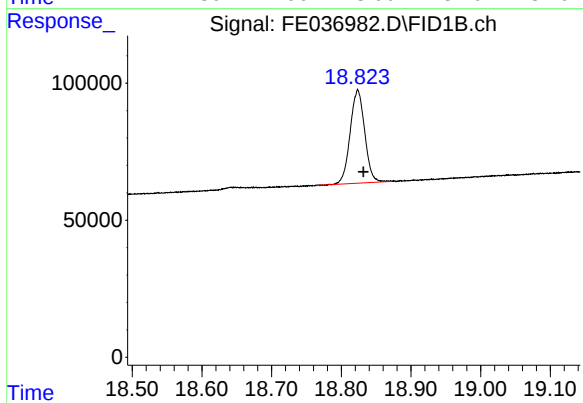
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.012 min
Response: 477049
Conc: 2.92 ug/ml



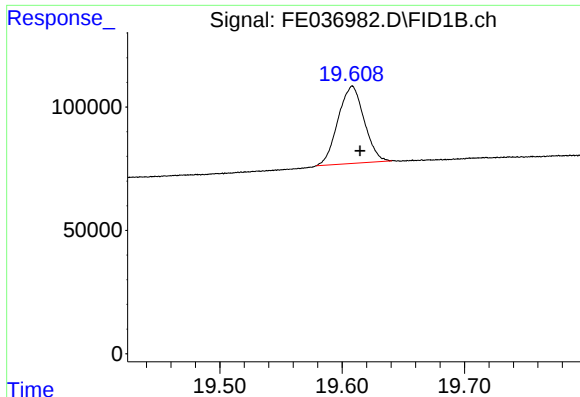
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.010 min
Response: 482786
Conc: 3.18 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: -0.008 min
Response: 492971
Conc: 4.10 ug/ml



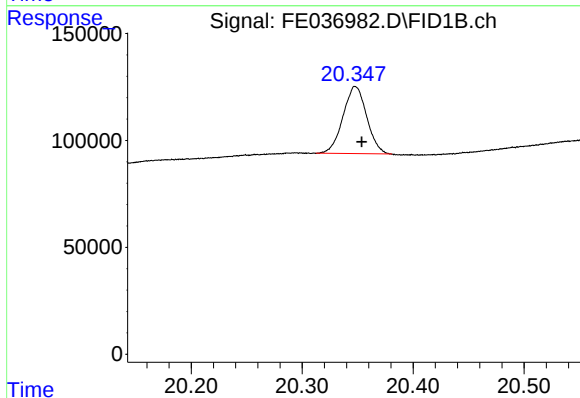
#19 n-Tetratriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.007 min
Response: 465009
Conc: 5.58 ug/ml

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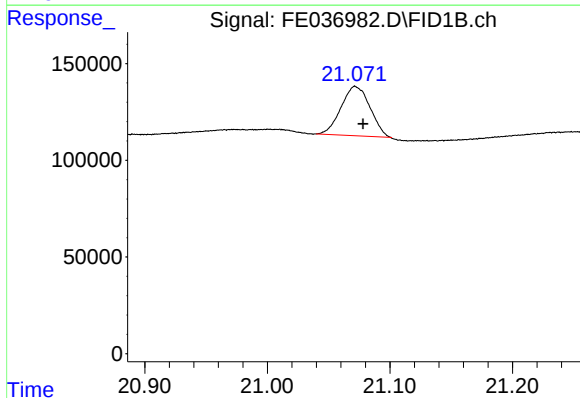
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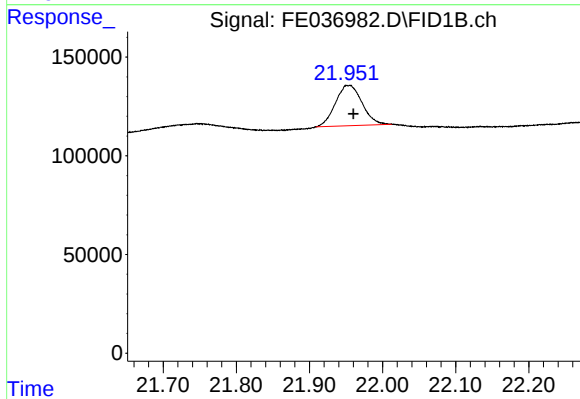
#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: -0.007 min
Response: 466094
Conc: 7.94 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: -0.007 min
Response: 418439
Conc: 8.35 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.951 min
Delta R.T.: -0.009 min
Response: 517624
Conc: 10.02 ug/ml m