

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061422AL\
 Data File : FE036038.D
 Signal(s) : FID1B.CH
 Acq On : 14 Jun 2022 20:33
 Operator : YP\AJ
 Sample : N3209-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-14B-10MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: autoint1.e
 Quant Time: Jun 15 04:21:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 060922.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 09 16:49:15 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.313	3364971	32.199 ug/mlm
Spiked Amount 50.000		Recovery =	64.40%
Target Compounds			
1) T n-Nonane (C9)	2.725	3936441	31.178 ug/ml
2) T n-Decane (C10)	3.736	4801170	38.549 ug/mlm
4) T n-Dodecane (C12)	5.729	4986890	39.649 ug/mlm
6) T n-Tetradecane (C14)	7.524	6713700	53.716 ug/mlm
7) T n-Hexadecane (C16)	9.124	6903295	56.404 ug/mlm
8) T n-Octadecane (C18)	10.566	7189880	59.069 ug/mlm
10) T n-Eicosane (C20)	11.873	7145379	59.164 ug/mlm
11) T n-Heneicosane (C21)	12.485	6445577	53.227 ug/mlm
13) T n-Docosane (C22)	13.073	6851214	56.718 ug/mlm
14) T n-Tetracosane (C24)	14.174	6795679	55.982 ug/mlm
15) T n-Hexacosane (C26)	15.199	6625085	54.547 ug/mlm
16) T n-Octacosane (C28)	16.146	6966956	57.259 ug/mlm
17) T n-Tricontane (C30)	17.033	6442276	53.201 ug/mlm
18) T n-Dotriacontane (C32)	17.865	6294449	53.878 ug/mlm
19) T n-Tetratriacontane (C34)	18.646	6361379	58.137 ug/mlm
20) T n-Hexatriacontane (C36)	19.384	5318815	52.131 ug/mlm
21) T n-Octatriacontane (C38)	20.114	5141408	52.270 ug/ml
22) T n-Tetracontane (C40)	21.005	5051512	51.876 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N3209-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

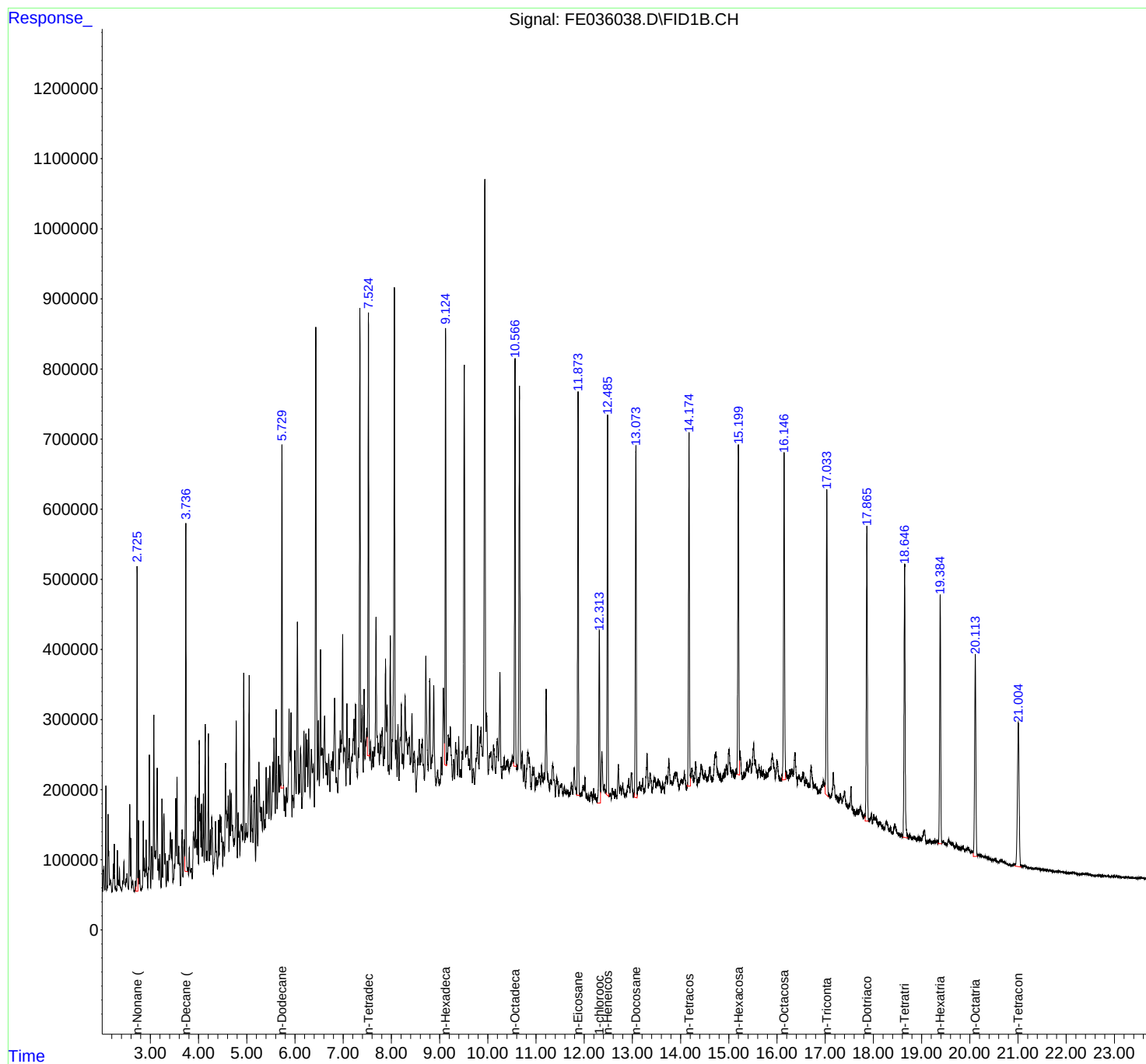
Instrument :
FID_E
ClientSampleId :
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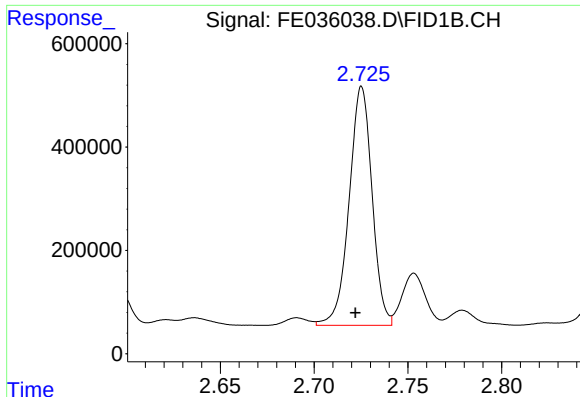
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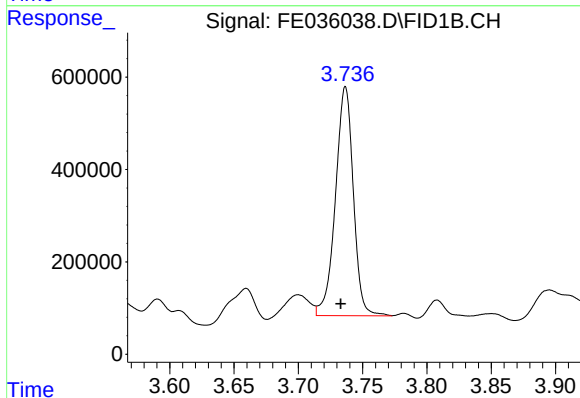
#1 n-Nonane (C9)

R.T.: 2.725 min
Delta R.T.: 0.003 min
Response: 3936441
Conc: 31.18 ug/ml

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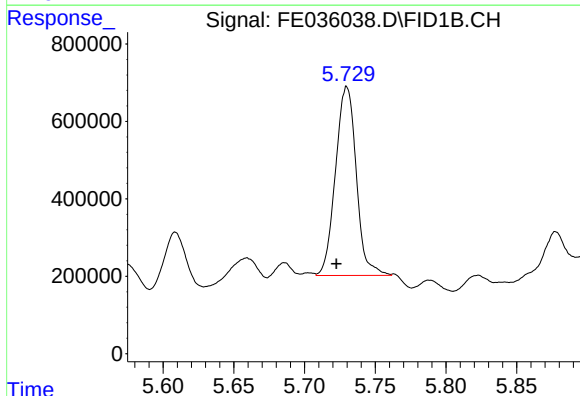
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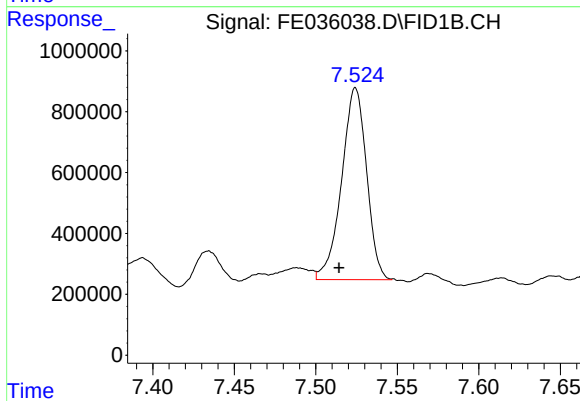
#2 n-Decane (C10)

R.T.: 3.736 min
Delta R.T.: 0.003 min
Response: 4801170
Conc: 38.55 ug/ml m



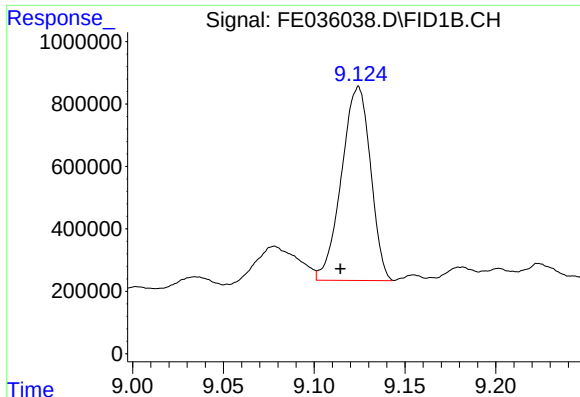
#4 n-Dodecane (C12)

R.T.: 5.729 min
Delta R.T.: 0.007 min
Response: 4986890
Conc: 39.65 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 7.524 min
Delta R.T.: 0.010 min
Response: 6713700
Conc: 53.72 ug/ml m



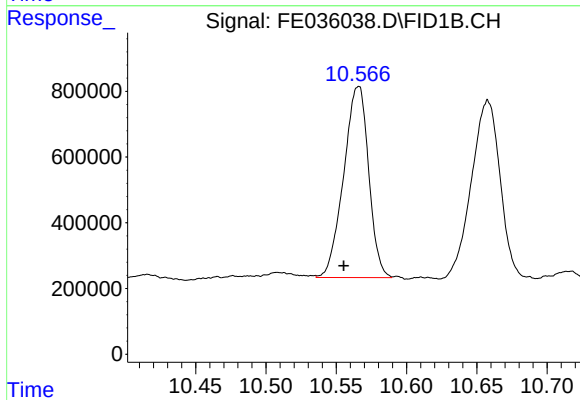
#7 n-Hexadecane (C16)

R.T.: 9.124 min
Delta R.T.: 0.010 min
Response: 6903295
Conc: 56.40 ug/ml

Instrument :
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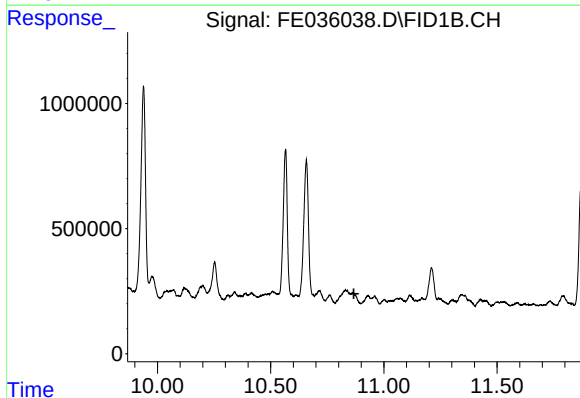
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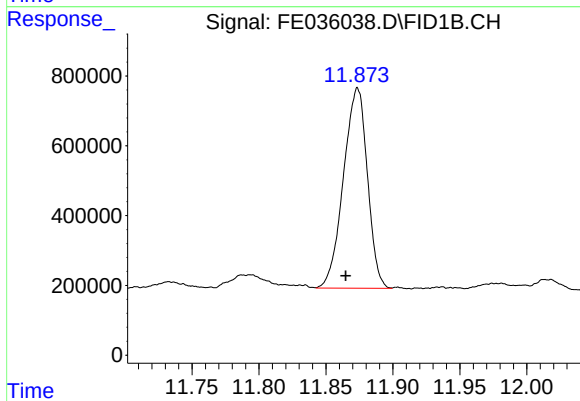
#8 n-Octadecane (C18)

R.T.: 10.566 min
Delta R.T.: 0.010 min
Response: 7189880
Conc: 59.07 ug/ml m



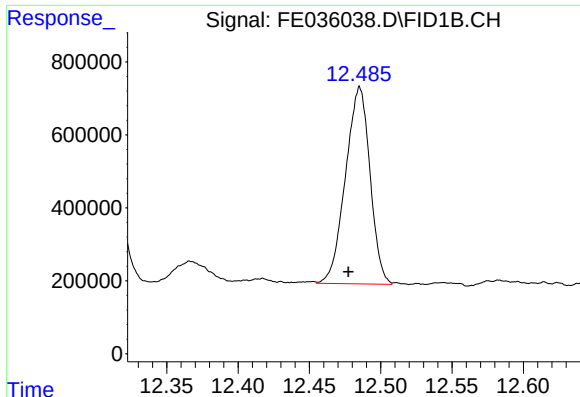
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.868 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.873 min
Delta R.T.: 0.008 min
Response: 7145379
Conc: 59.16 ug/ml m



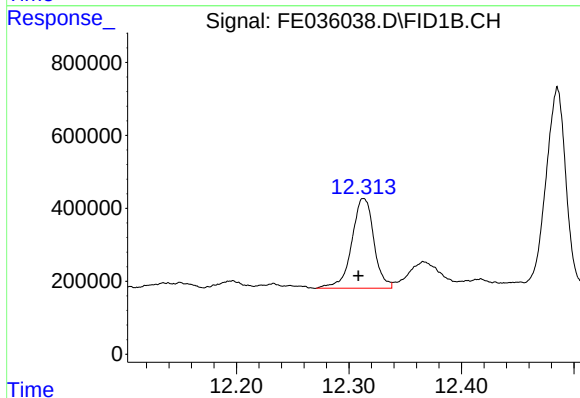
#11 n-Heneicosane (C21)

R.T.: 12.485 min
Delta R.T.: 0.007 min
Response: 6445577
Conc: 53.23 ug/ml

Instrument :
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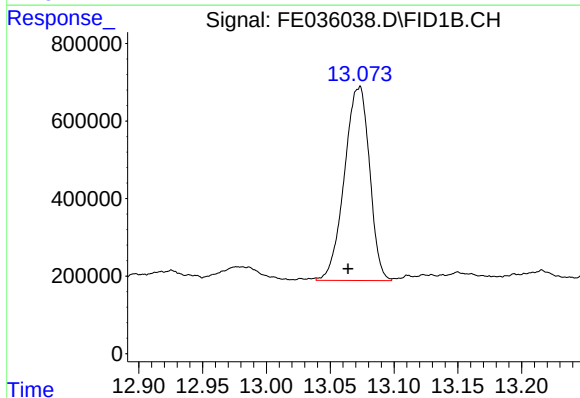
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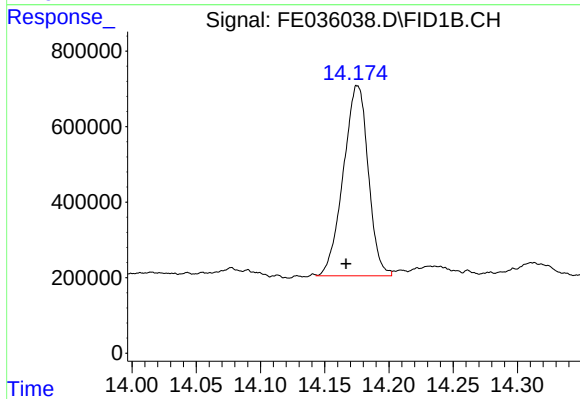
#12 1-chlorooctadecane (SURR)

R.T.: 12.313 min
Delta R.T.: 0.005 min
Response: 3364971
Conc: 32.20 ug/ml m



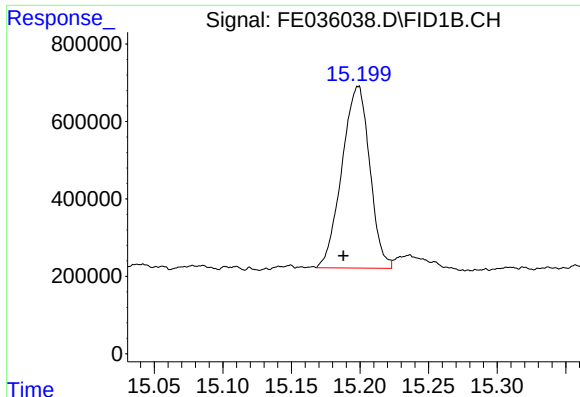
#13 n-Docosane (C22)

R.T.: 13.073 min
Delta R.T.: 0.009 min
Response: 6851214
Conc: 56.72 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 14.174 min
Delta R.T.: 0.007 min
Response: 6795679
Conc: 55.98 ug/ml m



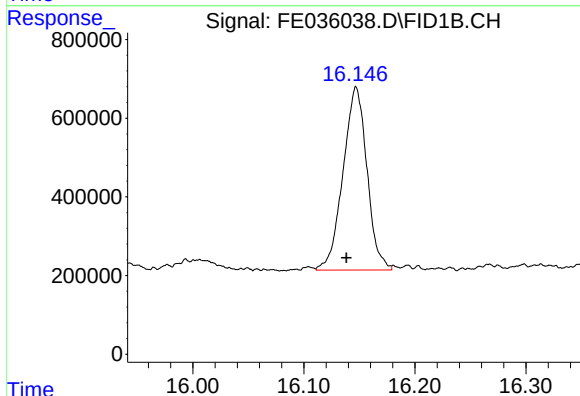
#15 n-Hexacosane (C26)

R.T.: 15.199 min
Delta R.T.: 0.012 min
Response: 6625085
Conc: 54.55 ug/ml

Instrument :
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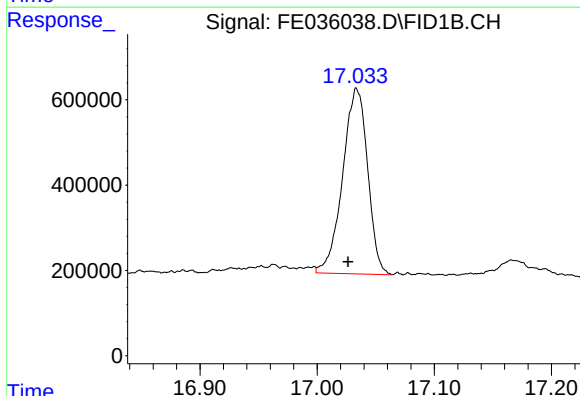
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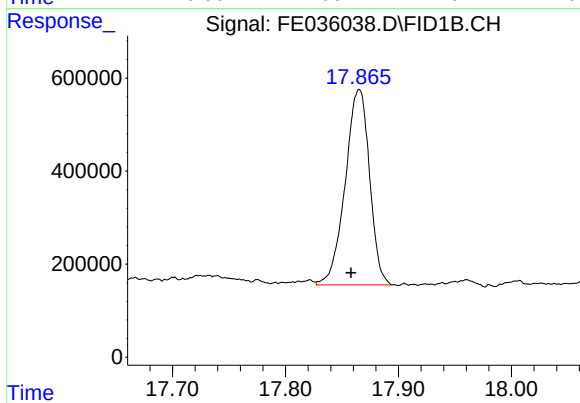
#16 n-Octacosane (C28)

R.T.: 16.146 min
Delta R.T.: 0.008 min
Response: 6966956
Conc: 57.26 ug/ml m



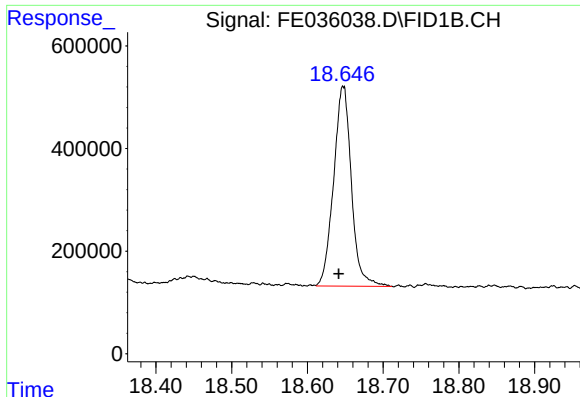
#17 n-Tricontane (C30)

R.T.: 17.033 min
Delta R.T.: 0.006 min
Response: 6442276
Conc: 53.20 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 17.865 min
Delta R.T.: 0.007 min
Response: 6294449
Conc: 53.88 ug/ml m



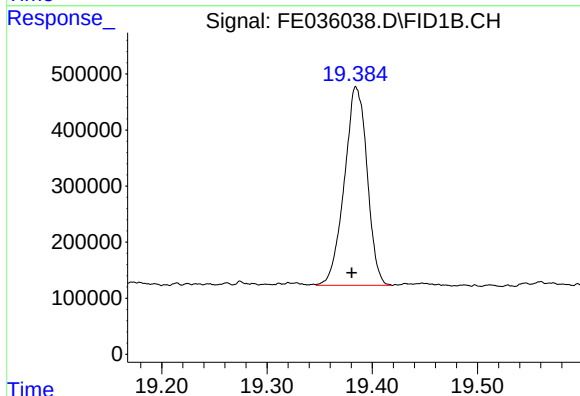
#19 n-Tetratriacontane (C34)

R.T.: 18.646 min
Delta R.T.: 0.005 min
Response: 6361379
Conc: 58.14 ug/ml

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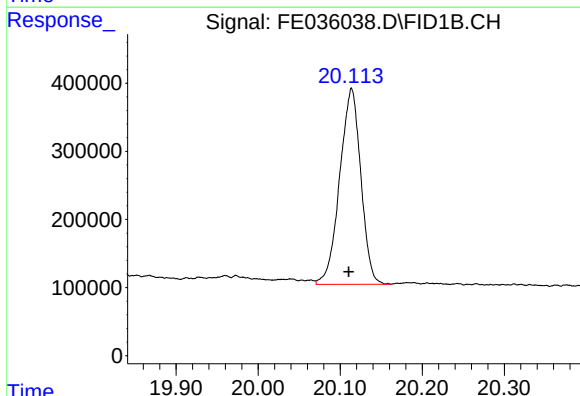
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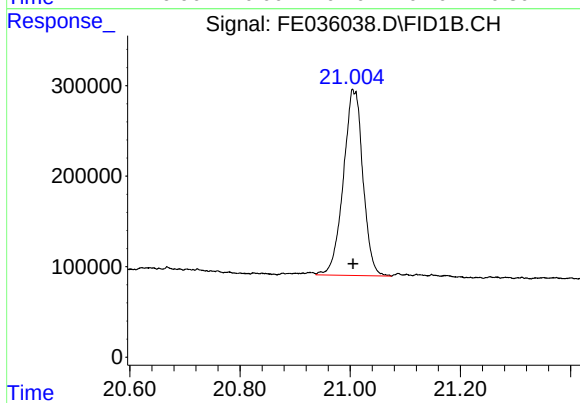
#20 n-Hexatriacontane (C36)

R.T.: 19.384 min
Delta R.T.: 0.004 min
Response: 5318815
Conc: 52.13 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.114 min
Delta R.T.: 0.004 min
Response: 5141408
Conc: 52.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.005 min
Delta R.T.: 0.000 min
Response: 5051512
Conc: 51.88 ug/ml