

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051224AL\
 Data File : FF014209.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 13:56
 Operator : YP\AJ
 Sample : P2403-07
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 04:08:13 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051124.M
 Quant Title : GC Extractables
 QLast Update : Sat May 11 04:41:44 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...	13.284	3722500	36.703 ug/ml
Spiked Amount 50.000		Recovery =	73.41%
Target Compounds			
1) T n-Nonane (C9)	3.241	215898	1.658 ug/ml
2) T n-Decane (C10)	4.489	273337	2.063 ug/mlm
4) T n-Dodecane (C12)	6.652	422174	3.177 ug/ml
6) T n-Tetradecane (C14)	8.477	335536	2.597 ug/ml
7) T n-Hexadecane (C16)	10.084	310194	2.370 ug/ml
8) T n-Octadecane (C18)	11.527	335446	2.523 ug/ml
10) T n-Eicosane (C20)	12.838	370665	2.903 ug/ml
11) T n-Heneicosane (C21)	13.450	349149	2.794 ug/ml
13) T n-Docosane (C22)	14.037	366435	2.976 ug/ml
14) T n-Tetracosane (C24)	15.140	389695	3.227 ug/mlm
15) T n-Hexacosane (C26)	16.163	378941	3.255 ug/ml
16) T n-Octacosane (C28)	17.113	390719	3.478 ug/ml
17) T n-Tricontane (C30)	18.002	403049	3.589 ug/ml
18) T n-Dotriacontane (C32)	18.835	388371	3.566 ug/ml
19) T n-Tetratriacontane (C34)	19.619	316891	3.042 ug/ml
20) T n-Hexatriacontane (C36)	20.360	295666	2.983 ug/ml
21) T n-Octatriacontane (C38)	21.084	300408	3.113 ug/ml
22) T n-Tetracontane (C40)	21.965	313448	3.341 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 73 Sample Multiplier: 1

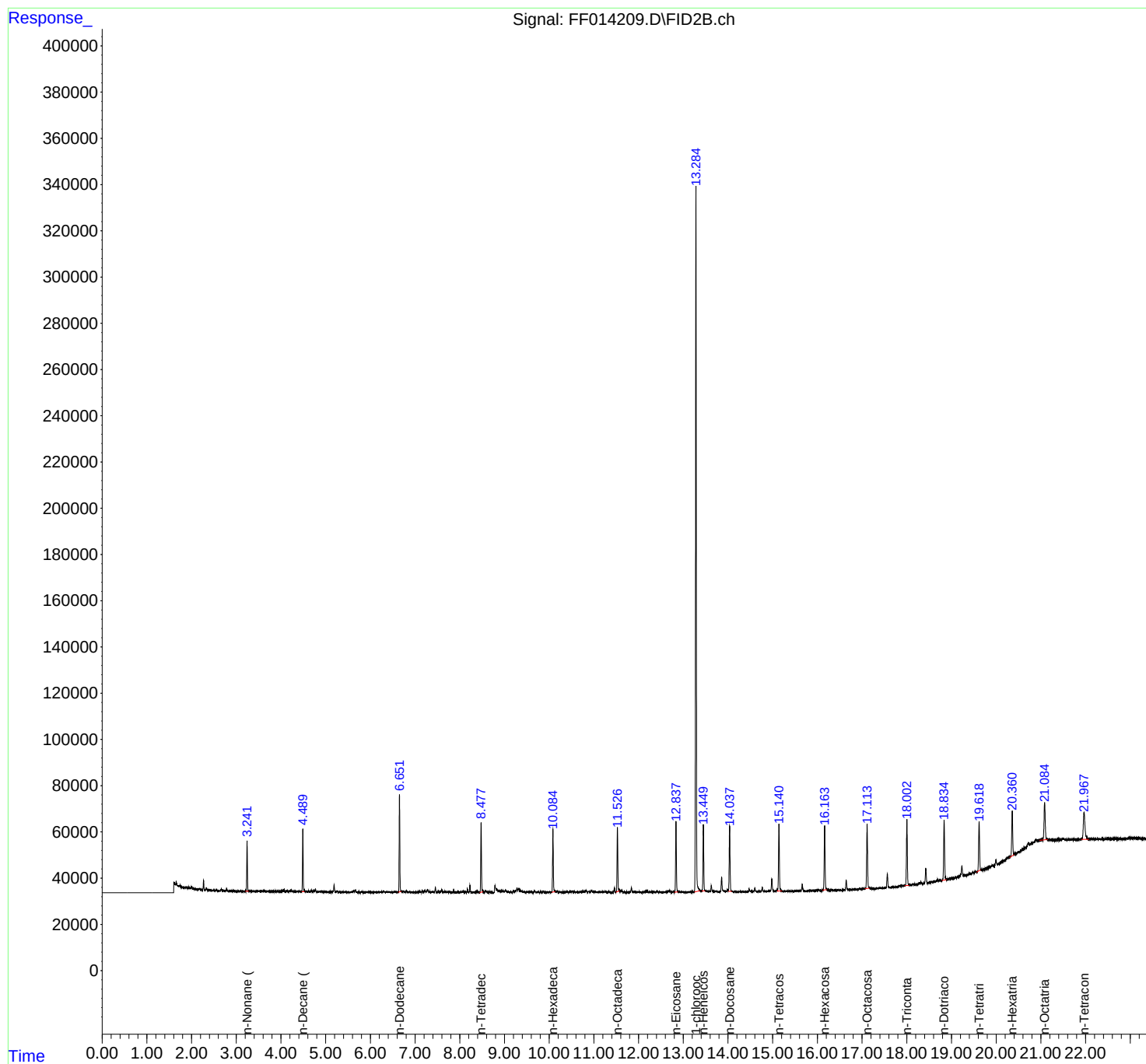
Instrument :
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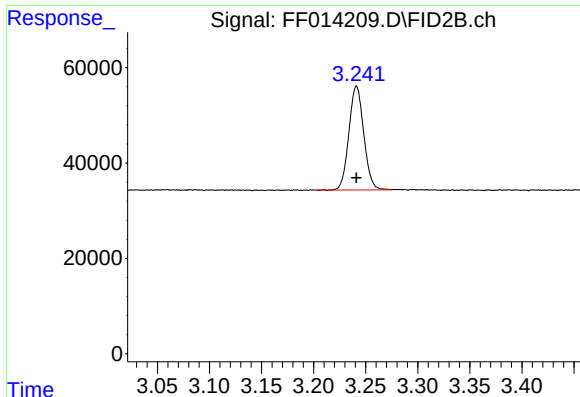
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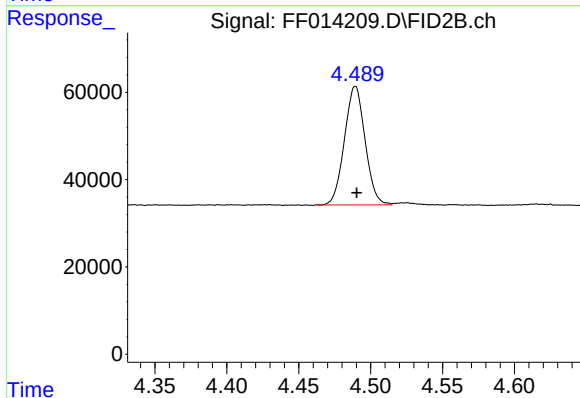
#1 n-Nonane (C9)

R.T.: 3.241 min
Delta R.T.: 0.000 min
Response: 215898
Conc: 1.66 ug/ml

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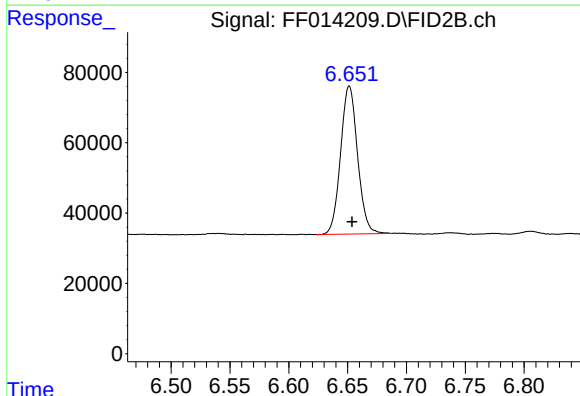
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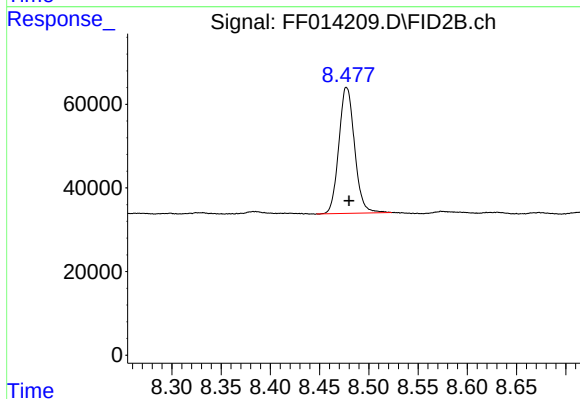
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: -0.001 min
Response: 273337
Conc: 2.06 ug/ml m



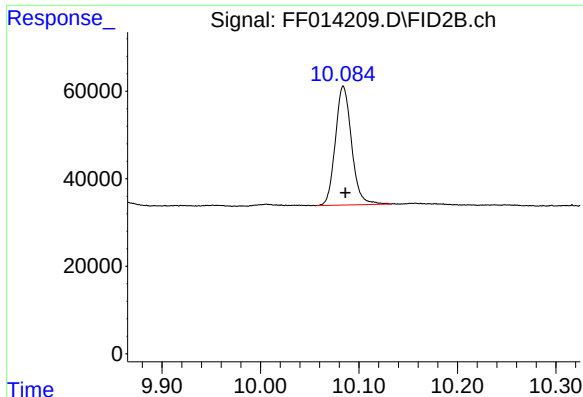
#4 n-Dodecane (C12)

R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 422174
Conc: 3.18 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.477 min
Delta R.T.: -0.002 min
Response: 335536
Conc: 2.60 ug/ml



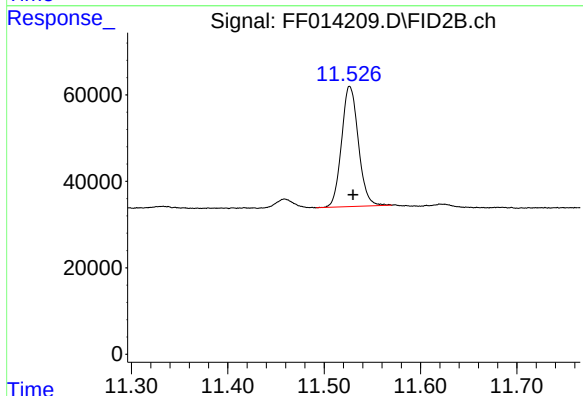
#7 n-Hexadecane (C16)

R.T.: 10.084 min
Delta R.T.: -0.002 min
Response: 310194
Conc: 2.37 ug/ml

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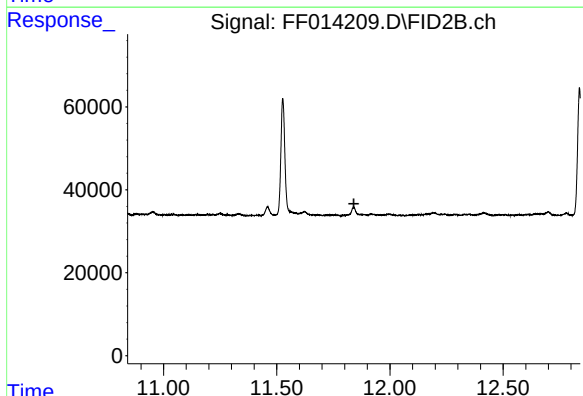
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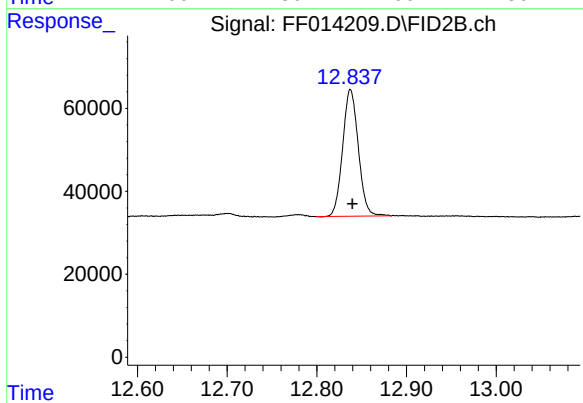
#8 n-Octadecane (C18)

R.T.: 11.527 min
Delta R.T.: -0.003 min
Response: 335446
Conc: 2.52 ug/ml



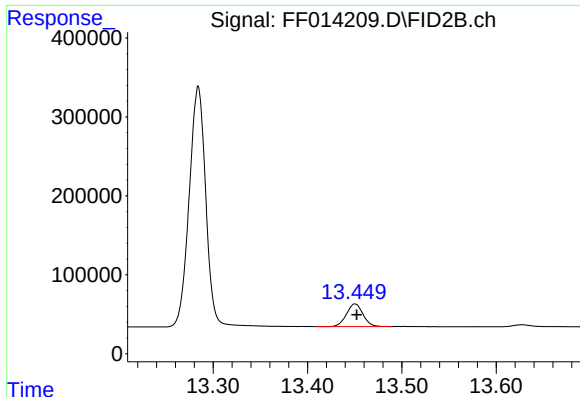
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.841 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.838 min
Delta R.T.: -0.002 min
Response: 370665
Conc: 2.90 ug/ml



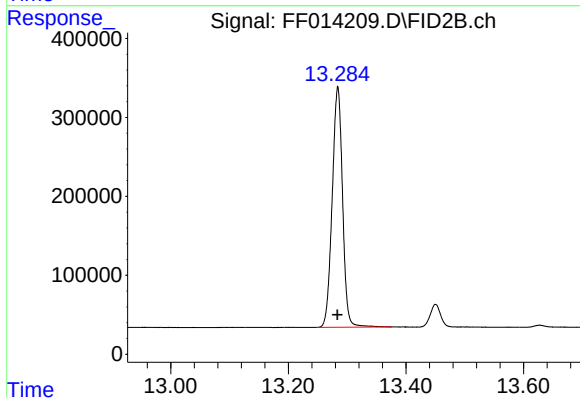
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 349149
Conc: 2.79 ug/ml

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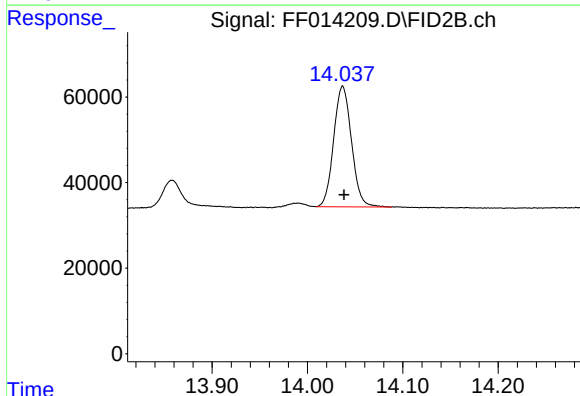
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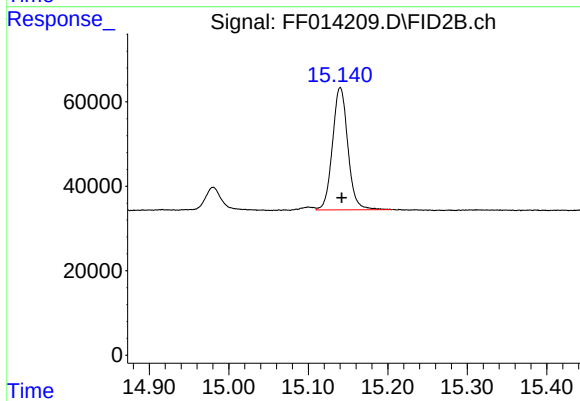
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 3722500
Conc: 36.70 ug/ml



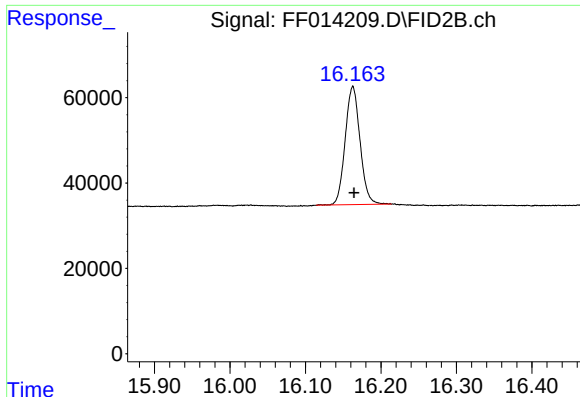
#13 n-Docosane (C22)

R.T.: 14.037 min
Delta R.T.: -0.002 min
Response: 366435
Conc: 2.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.140 min
Delta R.T.: -0.002 min
Response: 389695
Conc: 3.23 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.163 min
Delta R.T.: -0.002 min
Response: 378941
Conc: 3.26 ug/ml

Instrument :

FID_F

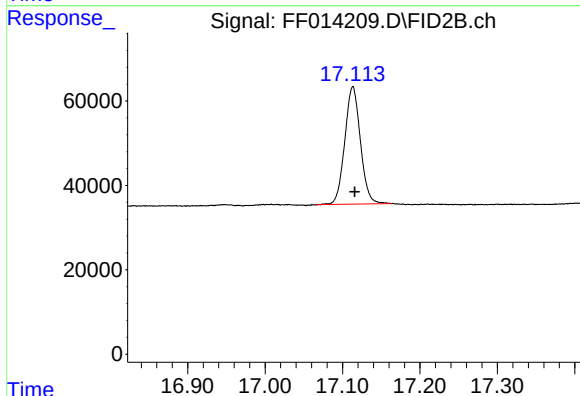
ClientSampleId :

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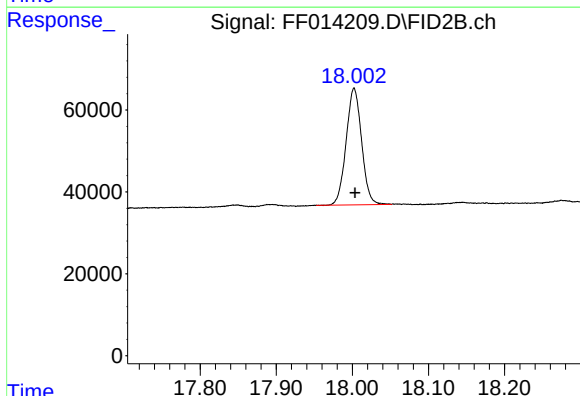
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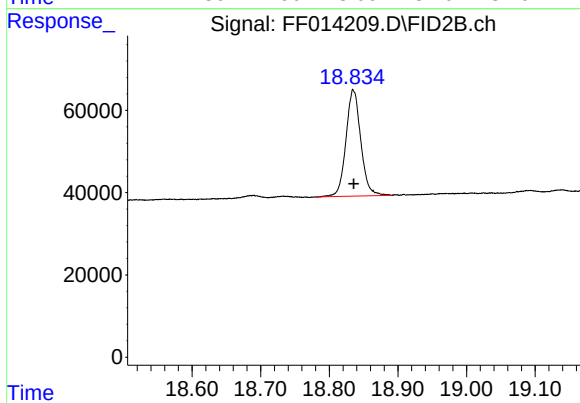
#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.002 min
Response: 390719
Conc: 3.48 ug/ml



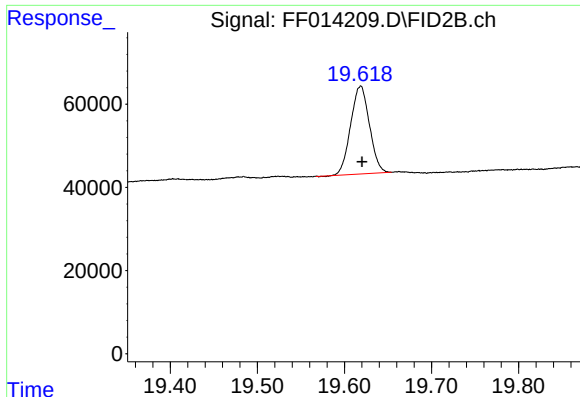
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.001 min
Response: 403049
Conc: 3.59 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: 0.000 min
Response: 388371
Conc: 3.57 ug/ml



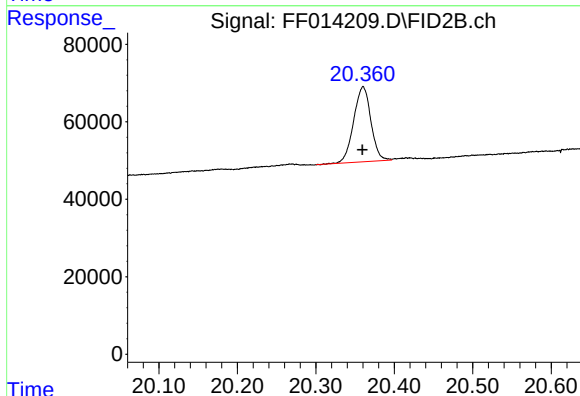
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.002 min
Response: 316891
Conc: 3.04 ug/ml

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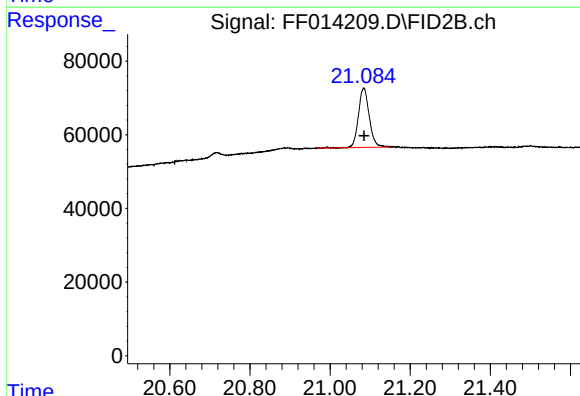
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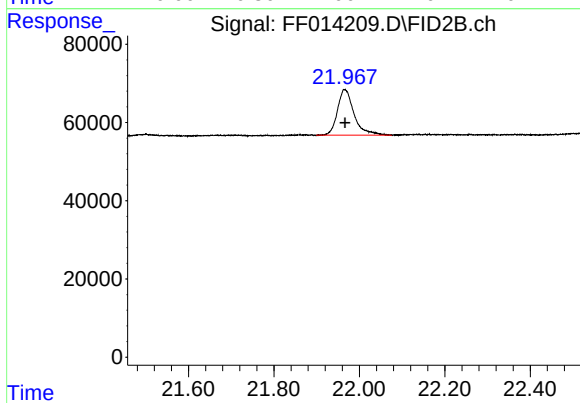
#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: 0.000 min
Response: 295666
Conc: 2.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.084 min
Delta R.T.: 0.000 min
Response: 300408
Conc: 3.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.965 min
Delta R.T.: -0.001 min
Response: 313448
Conc: 3.34 ug/ml