

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015366.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 16:27
 Operator : YP\AJ
 Sample : Q1168-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:23:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 2025
 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...	13.367	5298206	43.513 ug/ml
Spiked Amount 50.000		Recovery =	87.03%
Target Compounds			
1) T n-Nonane (C9)	3.315	400694	3.086 ug/ml
2) T n-Decane (C10)	4.568	471400	3.547 ug/ml
4) T n-Dodecane (C12)	6.731	532081	3.914 ug/ml
6) T n-Tetradecane (C14)	8.557	553973	4.028 ug/ml
7) T n-Hexadecane (C16)	10.165	557446	3.847 ug/ml
8) T n-Octadecane (C18)	11.608	607574	4.088 ug/ml
10) T n-Eicosane (C20)	12.919	633808	4.416 ug/mlm
11) T n-Heneicosane (C21)	13.531	605105	4.280 ug/ml
13) T n-Docosane (C22)	14.118	618511	4.399 ug/ml
14) T n-Tetracosane (C24)	15.222	635251	4.564 ug/mlm
15) T n-Hexacosane (C26)	16.246	621586	4.589 ug/ml
16) T n-Octacosane (C28)	17.198	620236	4.713 ug/ml
17) T n-Tricontane (C30)	18.088	642474	4.843 ug/ml
18) T n-Dotriacontane (C32)	18.922	653154	5.179 ug/ml
19) T n-Tetratriacontane (C34)	19.706	574704	5.278 ug/ml
20) T n-Hexatriacontane (C36)	20.450	511193	5.475 ug/ml
21) T n-Octatriacontane (C38)	21.190	489937	5.583 ug/ml
22) T n-Tetracontane (C40)	22.113	441892	5.213 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

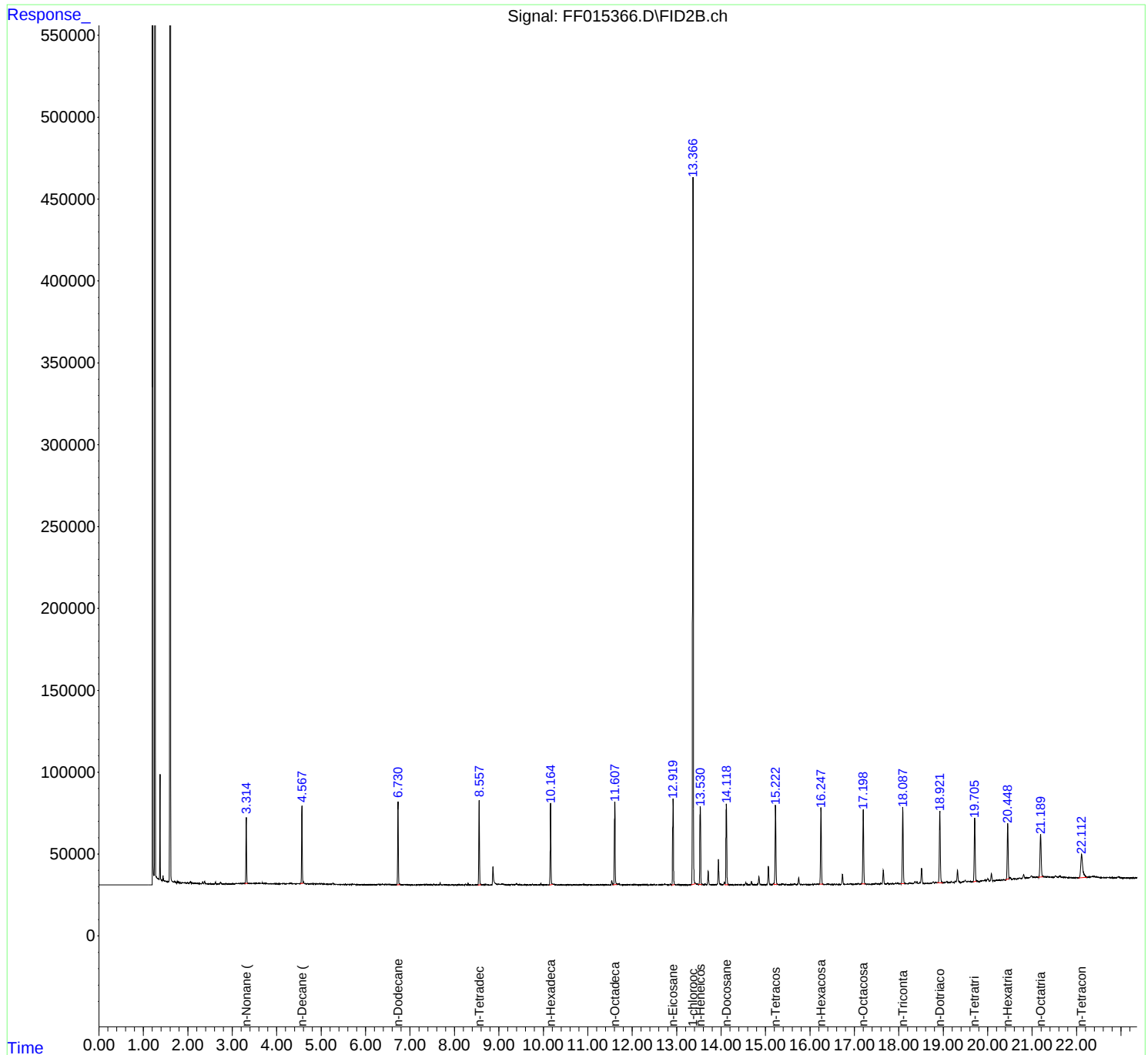
Instrument :
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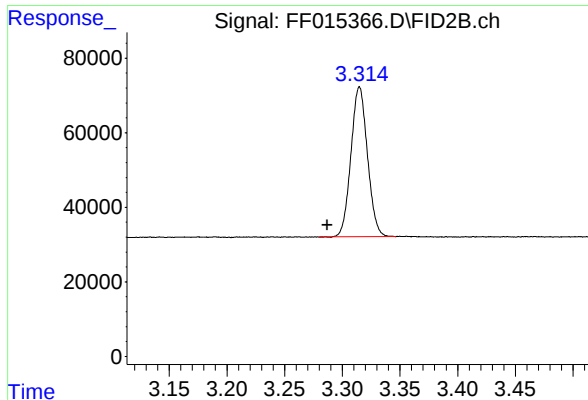
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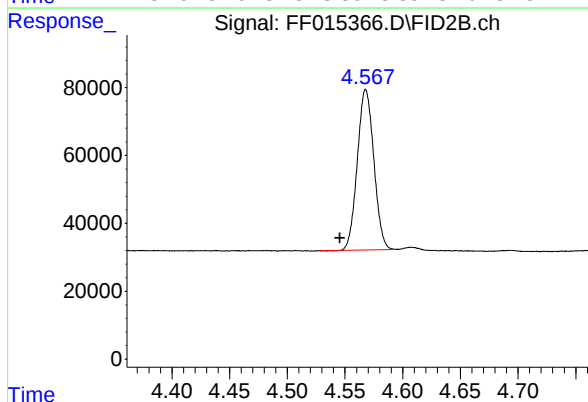
#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: 0.028 min
Response: 400694
Conc: 3.09 ug/ml

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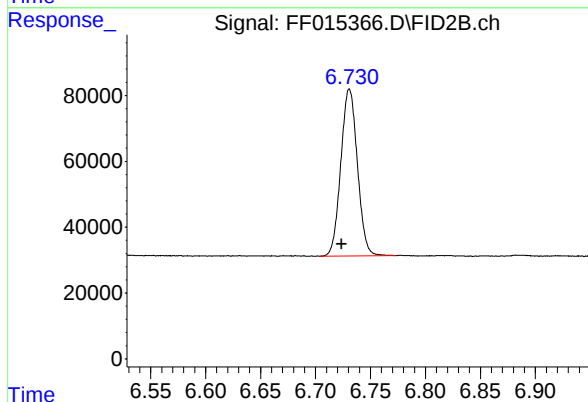
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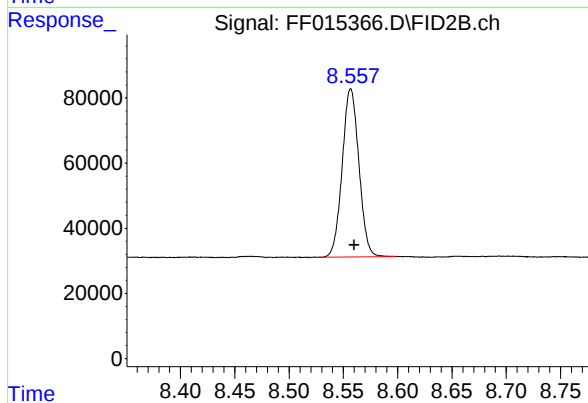
#2 n-Decane (C10)

R.T.: 4.568 min
Delta R.T.: 0.022 min
Response: 471400
Conc: 3.55 ug/ml



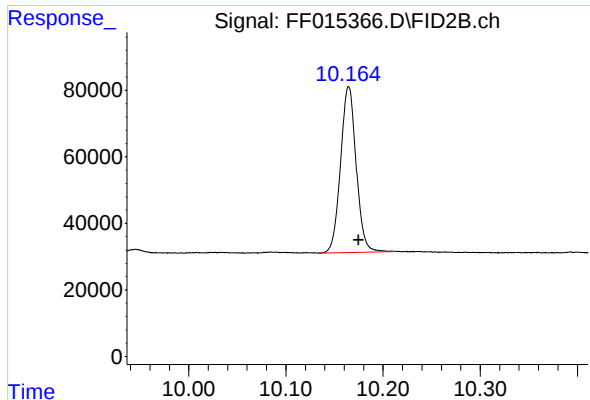
#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 532081
Conc: 3.91 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: -0.003 min
Response: 553973
Conc: 4.03 ug/ml



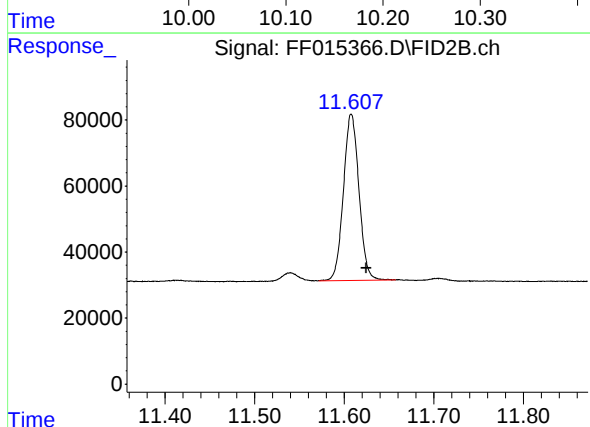
#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.010 min
Response: 557446
Conc: 3.85 ug/ml

Instrument : FID_F
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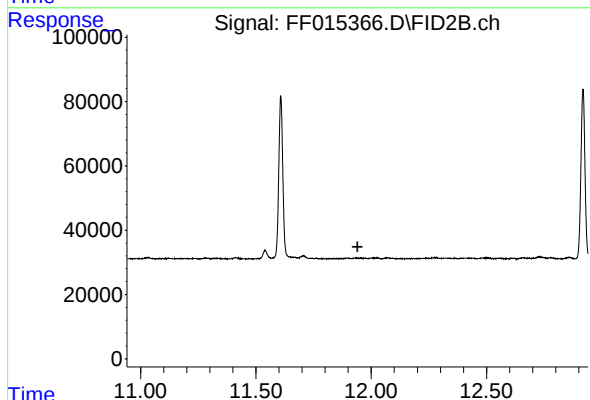
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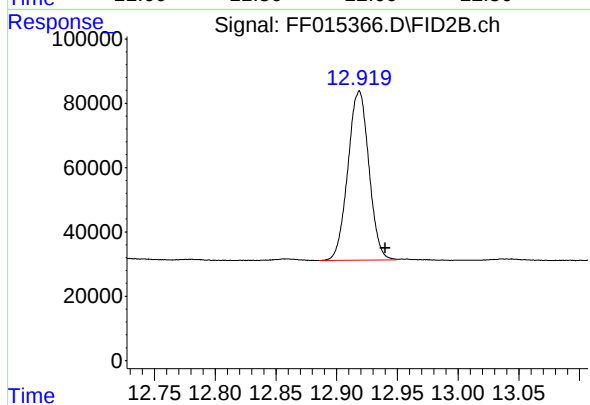
#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.017 min
Response: 607574
Conc: 4.09 ug/ml



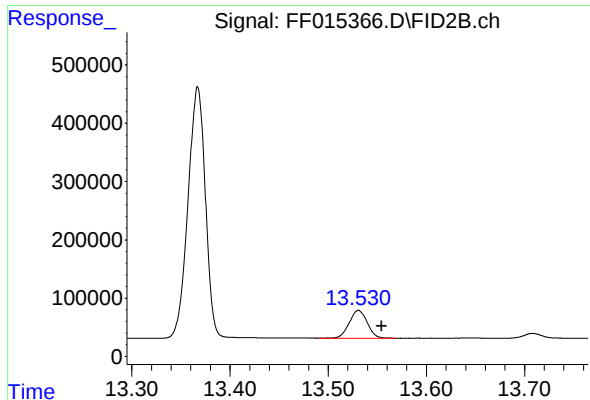
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.022 min
Response: 633808
Conc: 4.42 ug/ml m



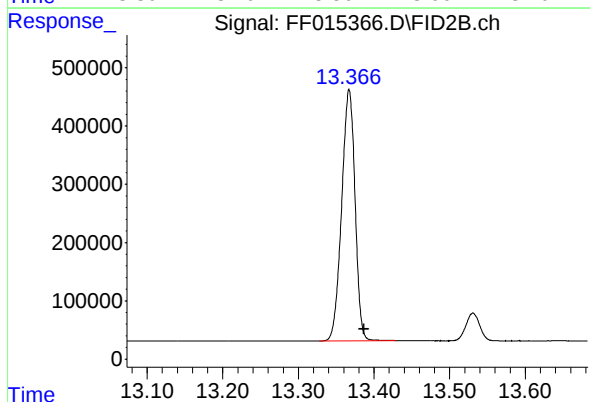
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: -0.024 min
Response: 605105
Conc: 4.28 ug/ml

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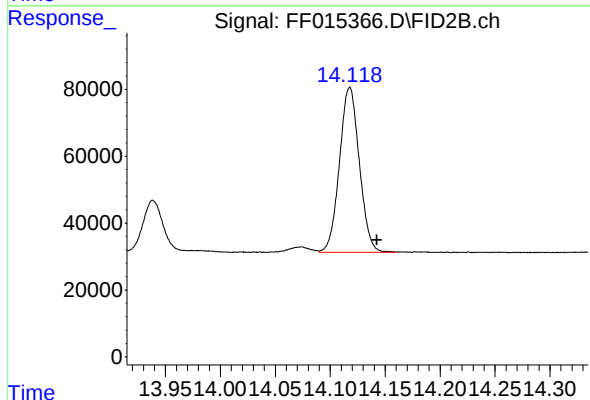
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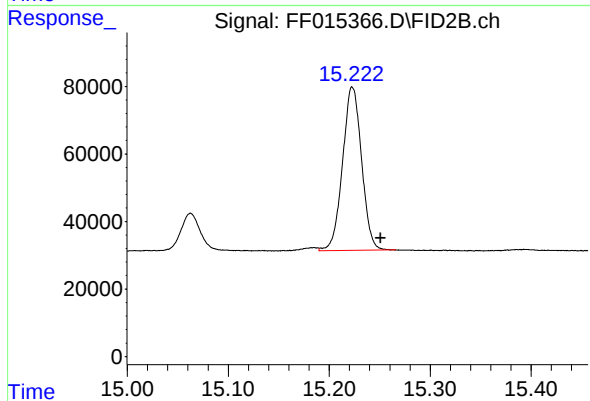
#12 1-chlorooctadecane (SURR)

R.T.: 13.367 min
Delta R.T.: -0.019 min
Response: 5298206
Conc: 43.51 ug/ml



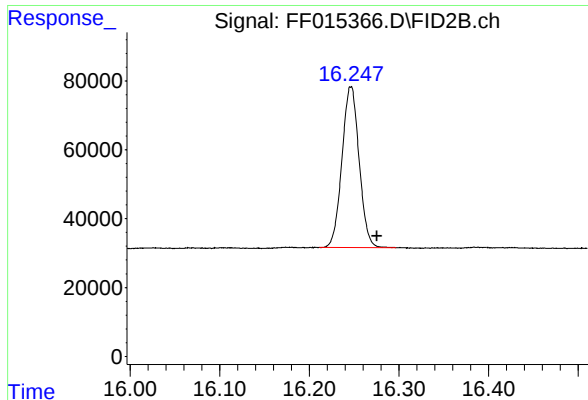
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.025 min
Response: 618511
Conc: 4.40 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.029 min
Response: 635251
Conc: 4.56 ug/ml m



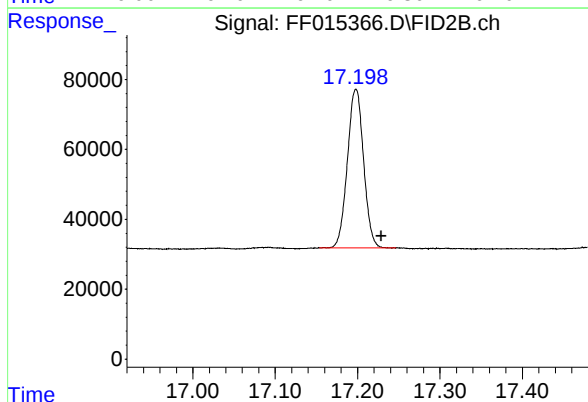
#15 n-Hexacosane (C26)

R.T.: 16.246 min
Delta R.T.: -0.029 min
Response: 621586
Conc: 4.59 ug/ml

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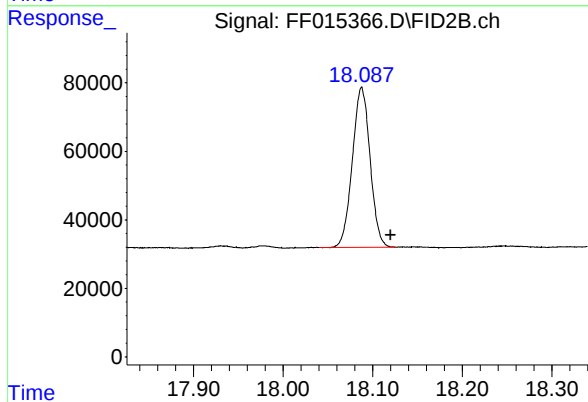
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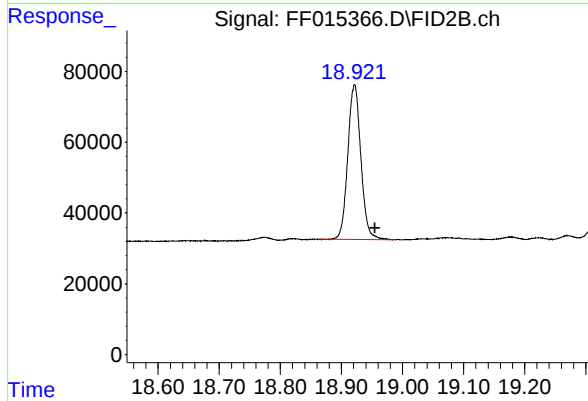
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.031 min
Response: 620236
Conc: 4.71 ug/ml



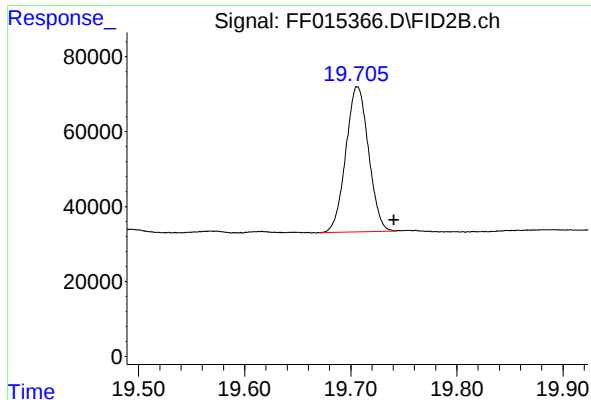
#17 n-Tricontane (C30)

R.T.: 18.088 min
Delta R.T.: -0.033 min
Response: 642474
Conc: 4.84 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.034 min
Response: 653154
Conc: 5.18 ug/ml



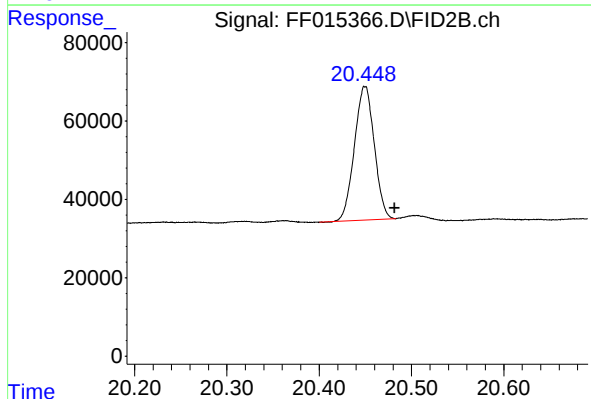
#19 n-Tetratriacontane (C34)

R.T.: 19.706 min
Delta R.T.: -0.034 min
Response: 574704
Conc: 5.28 ug/ml

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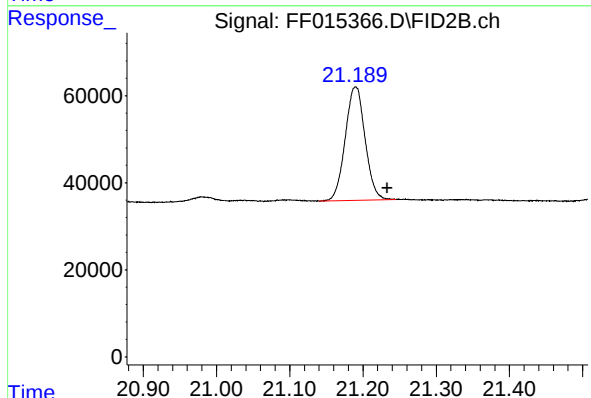
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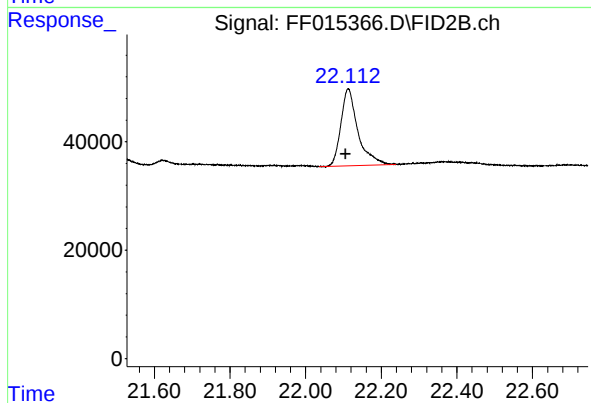
#20 n-Hexatriacontane (C36)

R.T.: 20.450 min
Delta R.T.: -0.032 min
Response: 511193
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.043 min
Response: 489937
Conc: 5.58 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.113 min
Delta R.T.: 0.007 min
Response: 441892
Conc: 5.21 ug/ml