

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101424AL\
 Data File : FD048491.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2024 12:55
 Operator : YP/AJ
 Sample : PB163694BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163694BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :Ankita Jodhani 10/15/2024

Integration File: autoint1.e
 Quant Time: Oct 15 10:29:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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			
9) S ortho-Terphenyl (SURR)	11.267	7772747	39.174 ug/ml
Spiked Amount 50.000		Recovery =	78.35%
12) S 1-chlorooctadecane (S...	12.708	6115699	40.881 ug/ml
Spiked Amount 50.000		Recovery =	81.76%
Target Compounds			
1) T n-Nonane (C9)	3.138	7631454	45.438 ug/ml
2) T n-Decane (C10)	4.177	8220025	47.366 ug/ml
3) T A~Naphthalene (C11.7)	5.721	9283900	49.139 ug/ml
4) T n-Dodecane (C12)	6.167	8568602	48.941 ug/ml
5) T A~2-methylnaphthalene...	6.767	8541312	47.447 ug/ml
6) T n-Tetradecane (C14)	7.949	8906940	51.048 ug/ml
7) T n-Hexadecane (C16)	9.539	8984672	49.855 ug/ml
8) T n-Octadecane (C18)	10.971	8975511	49.442 ug/ml
10) T n-Eicosane (C20)	12.274	9458221	54.227 ug/ml
11) T n-Heneicosane (C21)	12.881	8628956	50.435 ug/ml
13) T n-Docosane (C22)	13.463	8518161	49.878 ug/ml
14) T n-Tetracosane (C24)	14.561	8612789	50.849 ug/ml
15) T n-Hexacosane (C26)	15.578	8087653	48.860 ug/ml
16) T n-Octacosane (C28)	16.521	8010900	48.658 ug/ml
17) T n-Tricontane (C30)	17.405	7782129	45.391 ug/ml
18) T n-Dotriacontane (C32)	18.230	7646488	45.701 ug/ml
19) T n-Tetratriacontane (C34)	19.009	7264442	50.351 ug/ml
20) T n-Hexatriacontane (C36)	19.745	6583633	54.834 ug/ml
21) T n-Octatriacontane (C38)	20.442	6267898	55.974 ug/ml
22) T n-Tetracontane (C40)	21.225	5829690	58.233 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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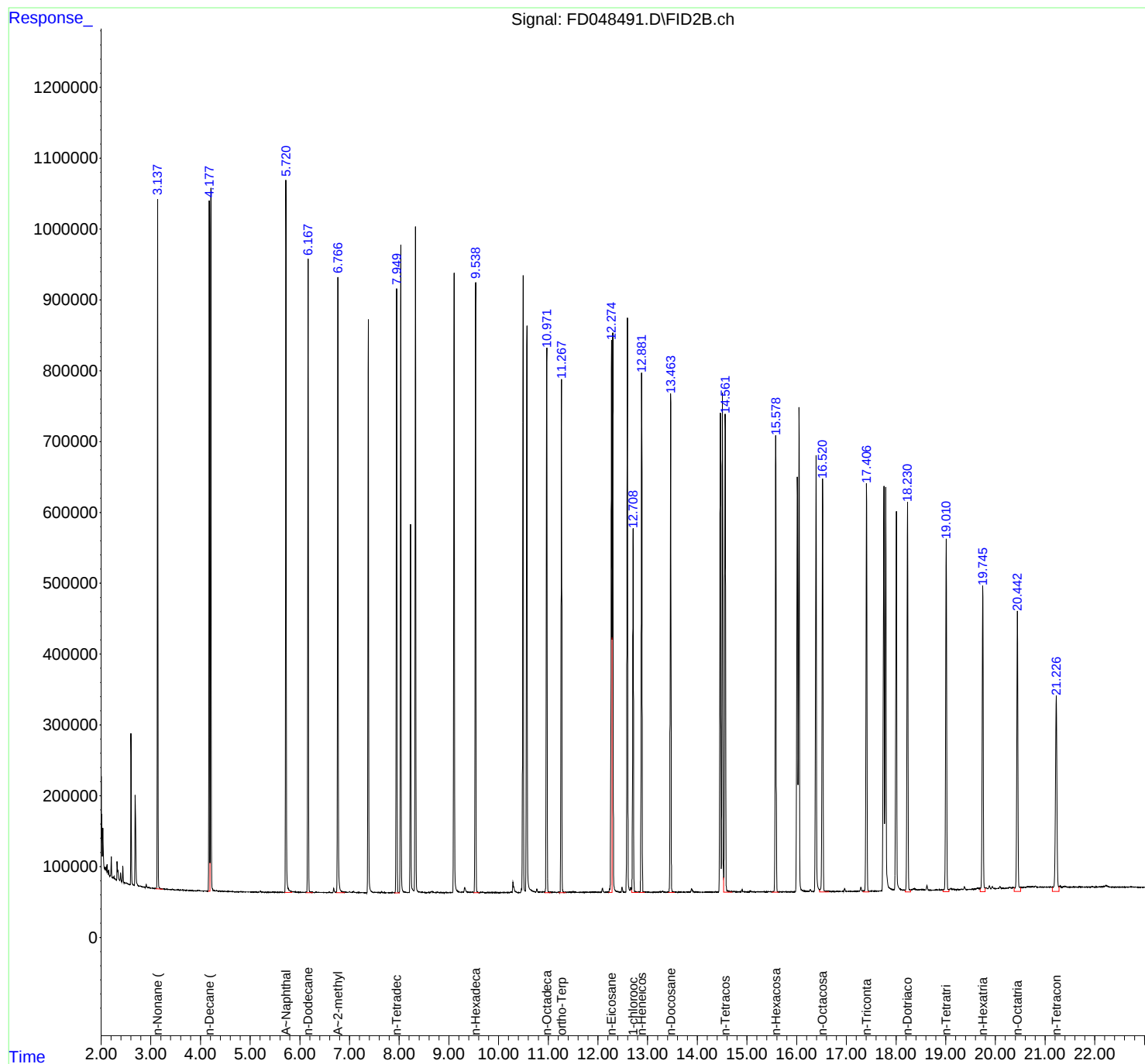
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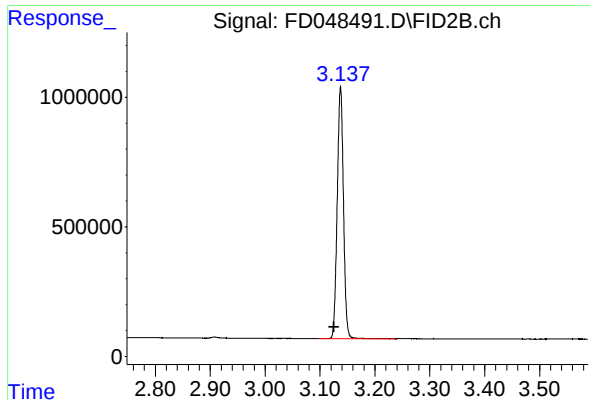
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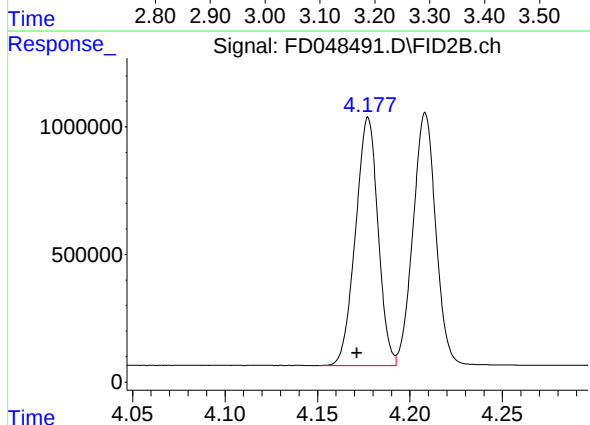
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: 0.012 min
Response: 7631454
Conc: 45.44 ug/ml

Instrument :
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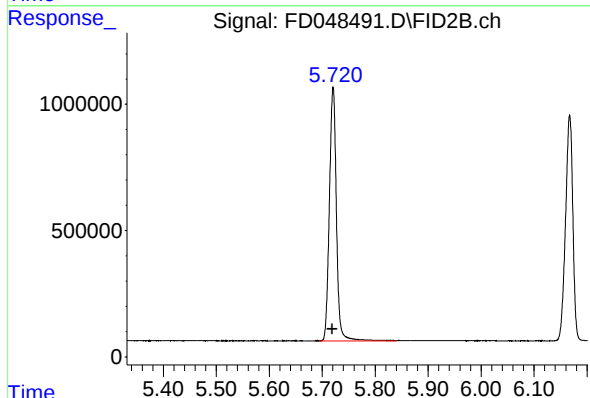
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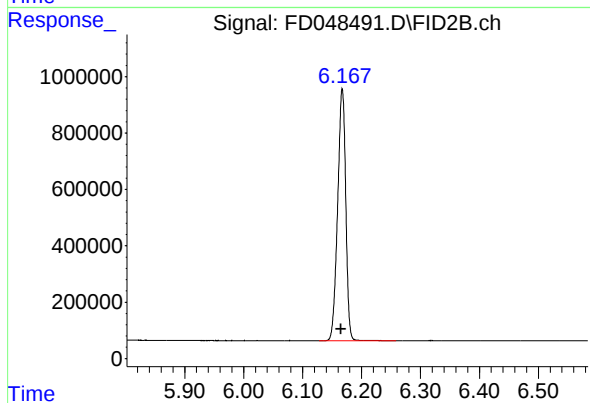
#2 n-Decane (C10)

R.T.: 4.177 min
Delta R.T.: 0.006 min
Response: 8220025
Conc: 47.37 ug/ml



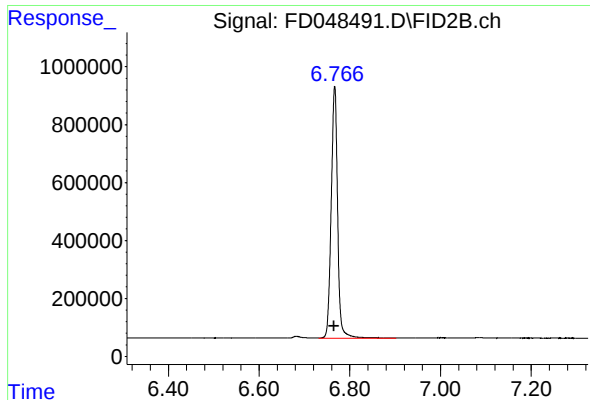
#3 A~Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: 0.002 min
Response: 9283900
Conc: 49.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.167 min
Delta R.T.: 0.002 min
Response: 8568602
Conc: 48.94 ug/ml



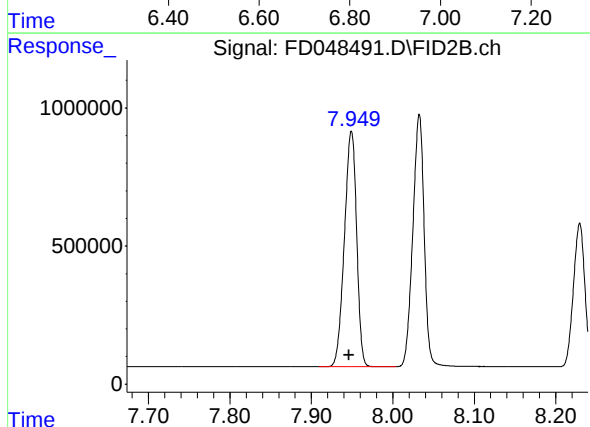
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.002 min
Response: 8541312
Conc: 47.45 ug/ml

Instrument :
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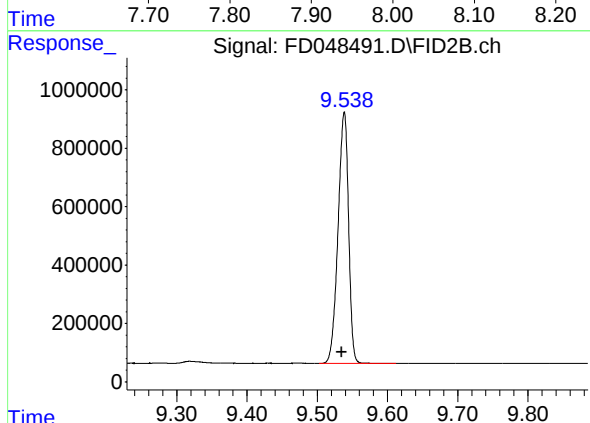
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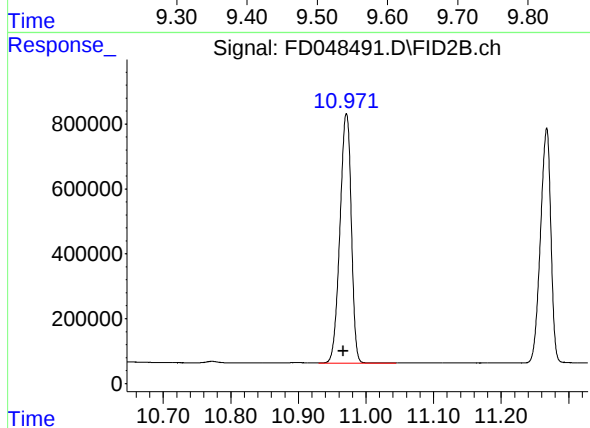
#6 n-Tetradecane (C14)

R.T.: 7.949 min
Delta R.T.: 0.003 min
Response: 8906940
Conc: 51.05 ug/ml



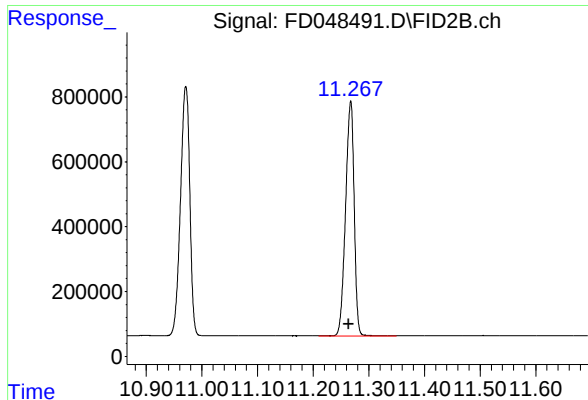
#7 n-Hexadecane (C16)

R.T.: 9.539 min
Delta R.T.: 0.003 min
Response: 8984672
Conc: 49.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.971 min
Delta R.T.: 0.004 min
Response: 8975511
Conc: 49.44 ug/ml



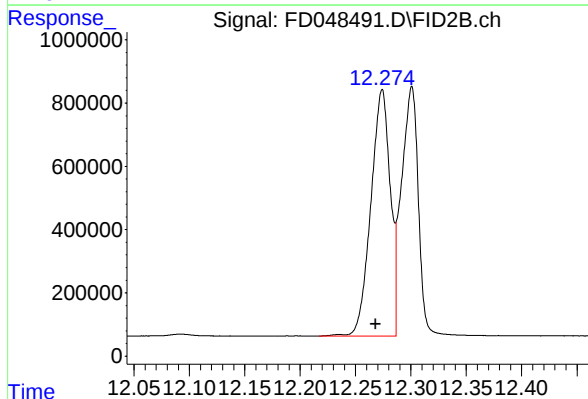
#9 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.003 min
Response: 7772747
Conc: 39.17 ug/ml

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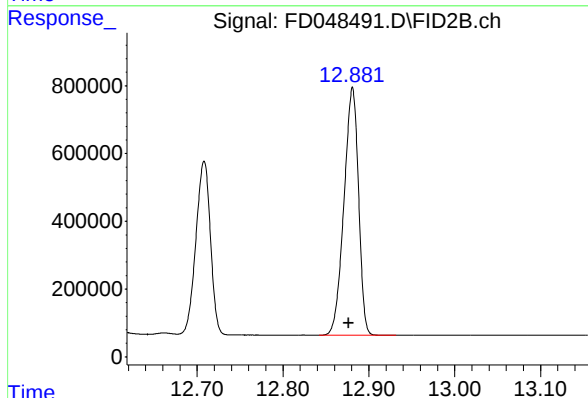
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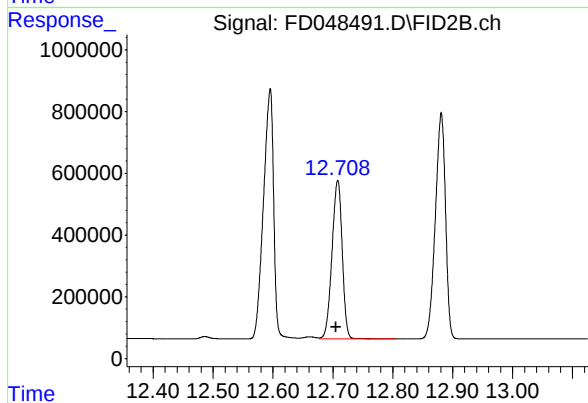
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: 0.006 min
Response: 9458221
Conc: 54.23 ug/ml



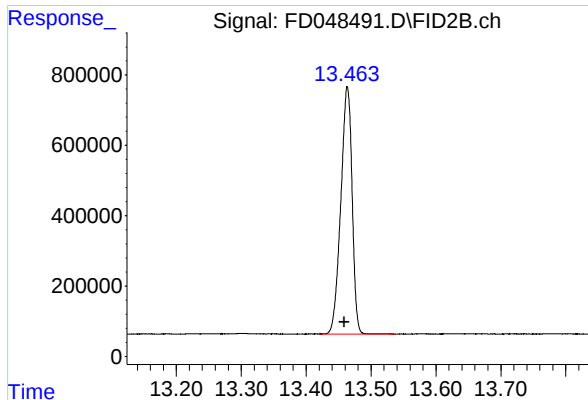
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: 0.005 min
Response: 8628956
Conc: 50.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.708 min
Delta R.T.: 0.003 min
Response: 6115699
Conc: 40.88 ug/ml



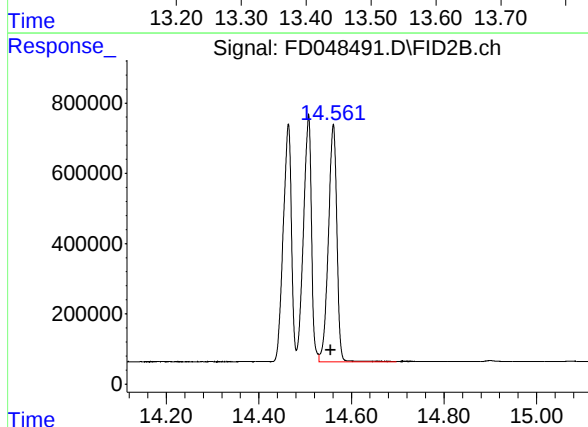
#13 n-Docosane (C22)

R.T.: 13.463 min
Delta R.T.: 0.005 min
Response: 8518161
Conc: 49.88 ug/ml

Instrument :
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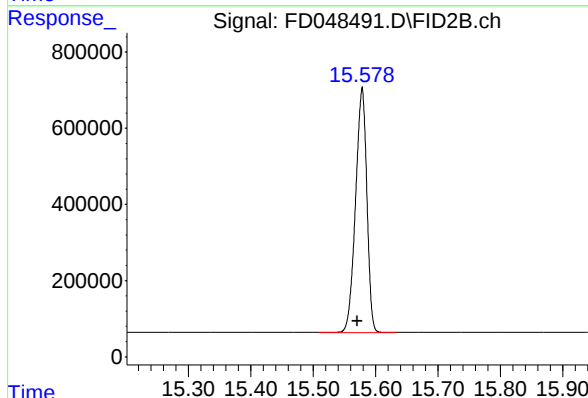
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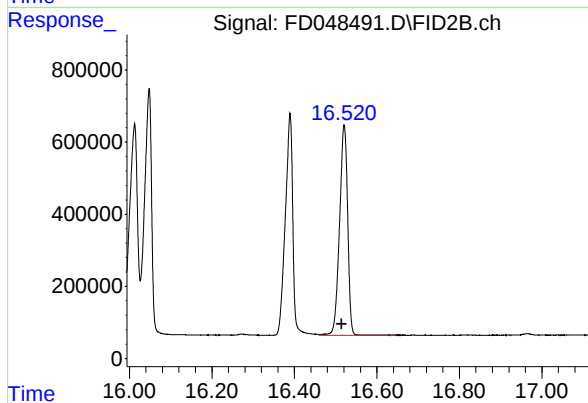
#14 n-Tetracosane (C24)

R.T.: 14.561 min
Delta R.T.: 0.006 min
Response: 8612789
Conc: 50.85 ug/ml



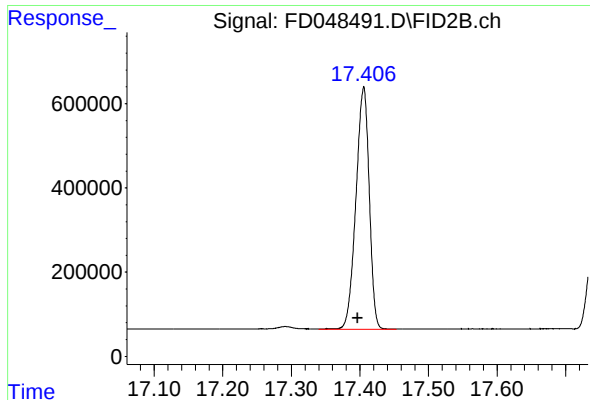
#15 n-Hexacosane (C26)

R.T.: 15.578 min
Delta R.T.: 0.008 min
Response: 8087653
Conc: 48.86 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.521 min
Delta R.T.: 0.006 min
Response: 8010900
Conc: 48.66 ug/ml



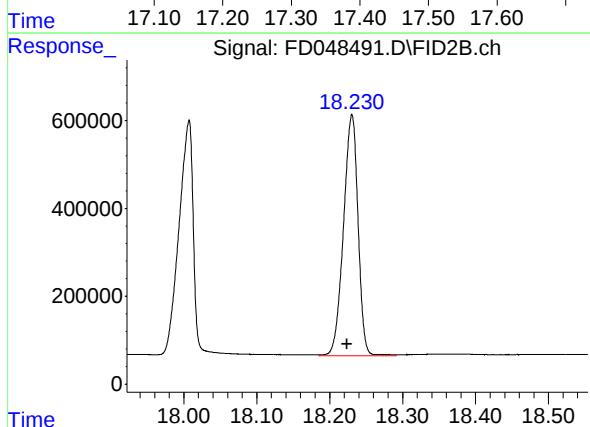
#17 n-Tricontane (C30)

R.T.: 17.405 min
Delta R.T.: 0.008 min
Response: 7782129
Conc: 45.39 ug/ml

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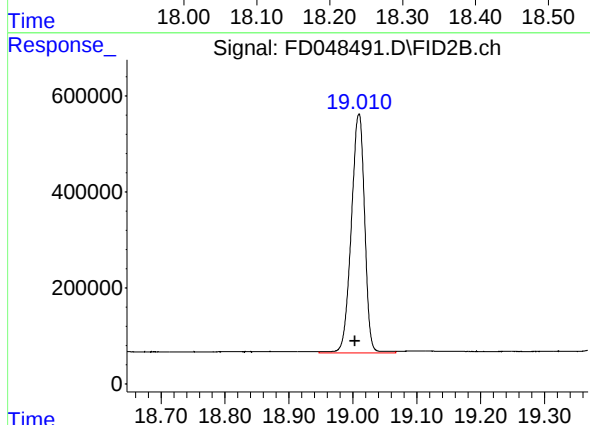
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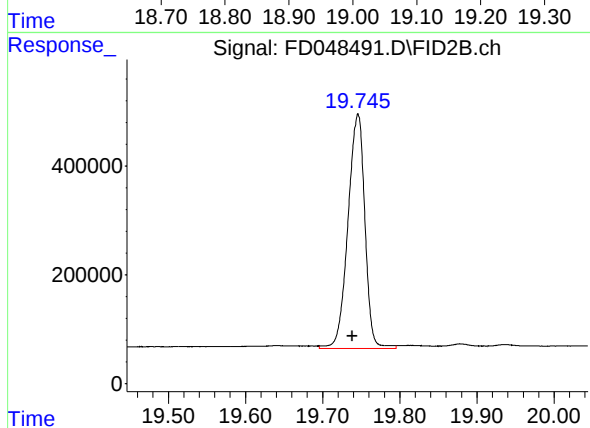
#18 n-Dotriacontane (C32)

R.T.: 18.230 min
Delta R.T.: 0.006 min
Response: 7646488
Conc: 45.70 ug/ml



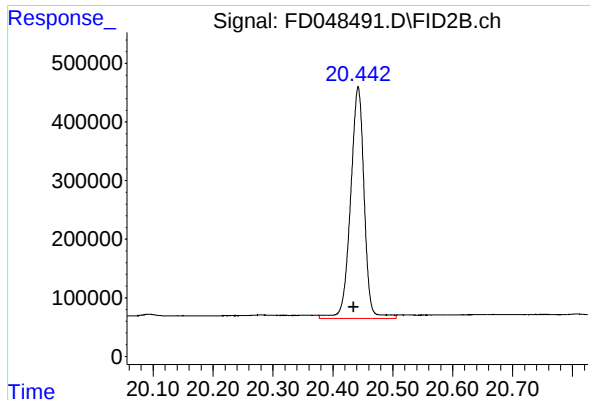
#19 n-Tetratriacontane (C34)

R.T.: 19.009 min
Delta R.T.: 0.006 min
Response: 7264442
Conc: 50.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.745 min
Delta R.T.: 0.007 min
Response: 6583633
Conc: 54.83 ug/ml



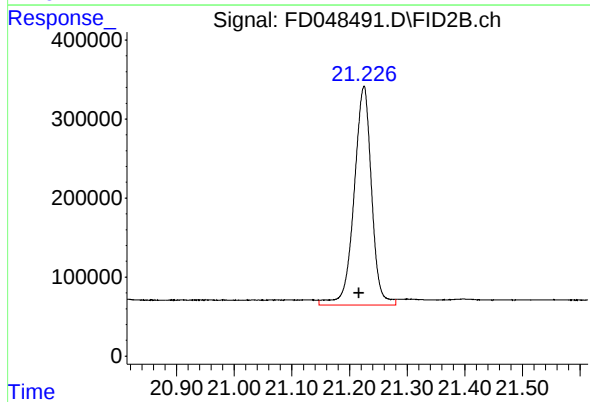
#21 n-Octatriacontane (C38)

R.T.: 20.442 min
Delta R.T.: 0.008 min
Response: 6267898
Conc: 55.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.225 min
Delta R.T.: 0.008 min
Response: 5829690
Conc: 58.23 ug/ml