

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061324AL\
 Data File : FE048710.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2024 22:12
 Operator : YP\AJ
 Sample : P2864-05MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-IMSD

Manual Integrations
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Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Jun 14 01:21:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M
 Quant Title : GC Extractables
 QLast Update : Fri May 24 16:28:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

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 Jodhani

Compound	R.T.	Response	Conc Units
-----06/14/2024			
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.941	4758152	33.136 ug/ml
Spiked Amount 50.000		Recovery =	66.27%
12) S 1-chlorooctadecane (S...	13.374	4075168	37.407 ug/ml
Spiked Amount 50.000		Recovery =	74.81%
Target Compounds			
1) T n-Nonane (C9)	3.329	4147231	27.740 ug/ml
2) T n-Decane (C10)	4.578	4639954	30.728 ug/ml
3) T A~Naphthalene (C11.7)	6.282	5156767	34.633 ug/ml
4) T n-Dodecane (C12)	6.742	4841700	32.708 ug/ml
5) T A~2-methylnaphthalene...	7.378	5302275	38.241 ug/ml
6) T n-Tetradecane (C14)	8.572	5272028	37.171 ug/ml
7) T n-Hexadecane (C16)	10.178	5391720	38.245 ug/ml
8) T n-Octadecane (C18)	11.621	5350679	38.526 ug/ml
10) T n-Eicosane (C20)	12.930	5343765	40.381 ug/ml
11) T n-Heneicosane (C21)	13.542	5142435	39.701 ug/ml
13) T n-Docosane (C22)	14.126	5135027	39.849 ug/ml
14) T n-Tetracosane (C24)	15.220	9331529	72.030 ug/ml
15) T n-Hexacosane (C26)	16.250	5107354	39.407 ug/ml
16) T n-Octacosane (C28)	17.199	5327617	41.218 ug/ml
17) T n-Tricontane (C30)	18.086	5265421	39.305 ug/ml
18) T n-Dotriacontane (C32)	18.918	5332019	39.281 ug/ml
19) T n-Tetratriacontane (C34)	19.701	5481113	40.066 ug/ml
20) T n-Hexatriacontane (C36)	20.440	5427502	39.927 ug/ml
21) T n-Octatriacontane (C38)	21.178	5466414	40.084 ug/ml
22) T n-Tetracontane (C40)	22.095	5601768	40.912 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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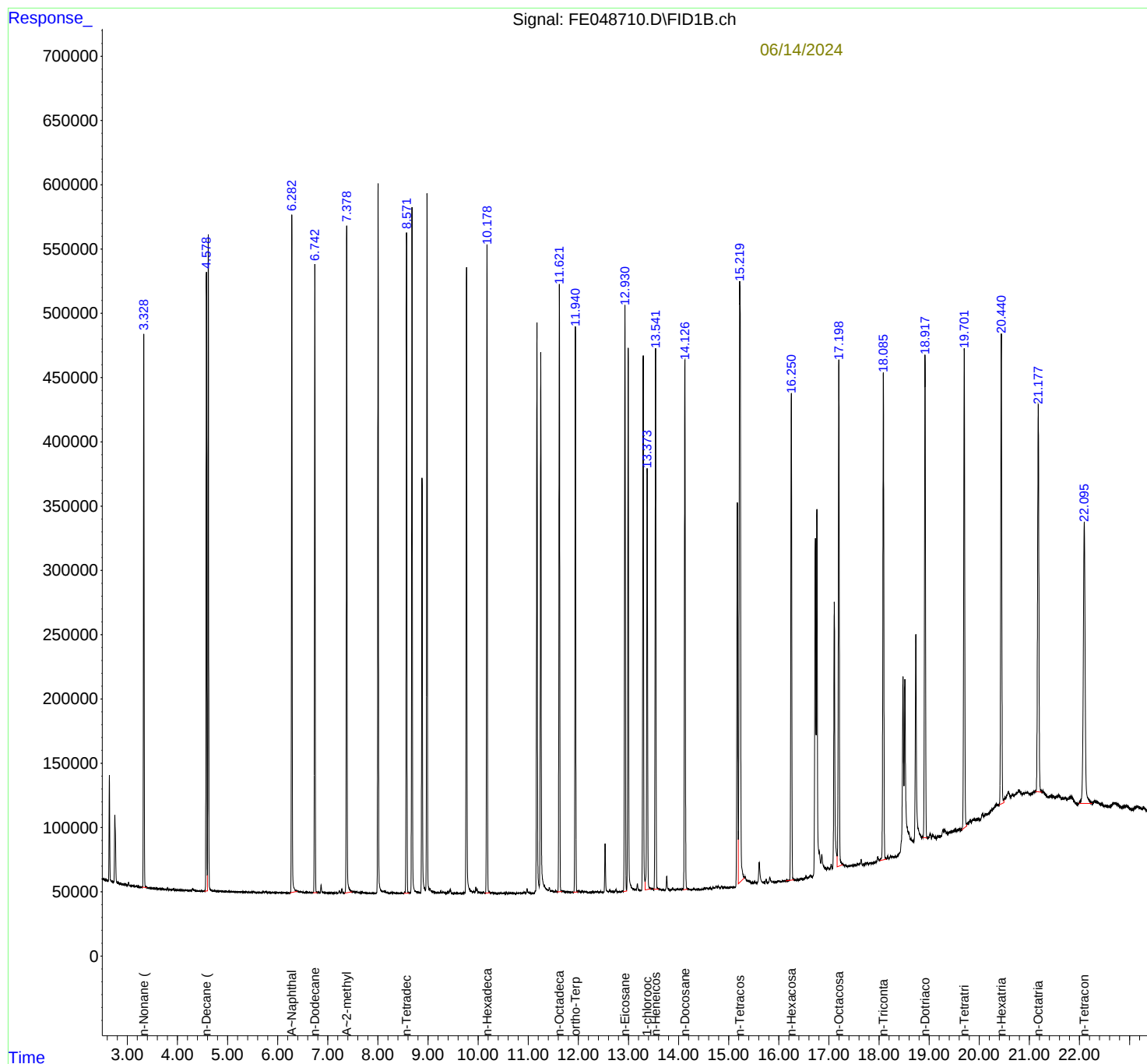
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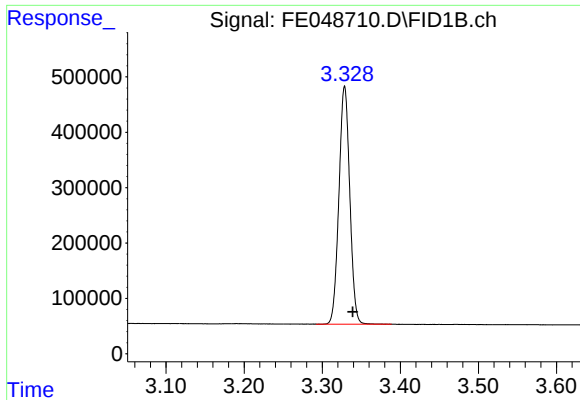
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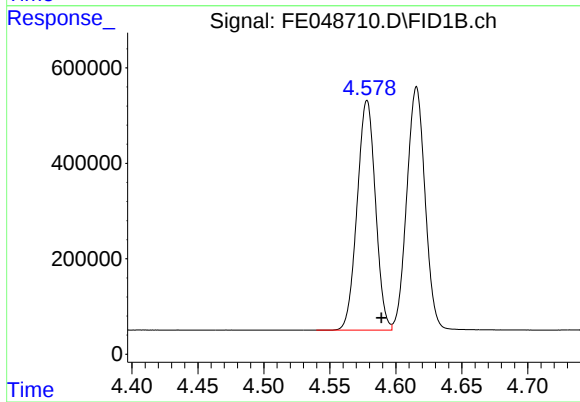
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: -0.010 min
Response: 4147231
Conc: 27.74 ug/ml

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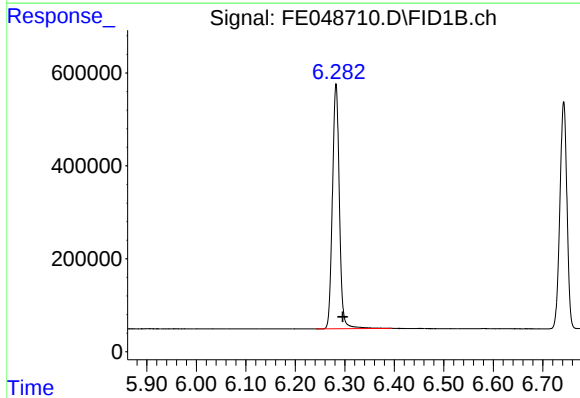


#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.011 min
Response: 4639954
Conc: 30.73 ug/ml

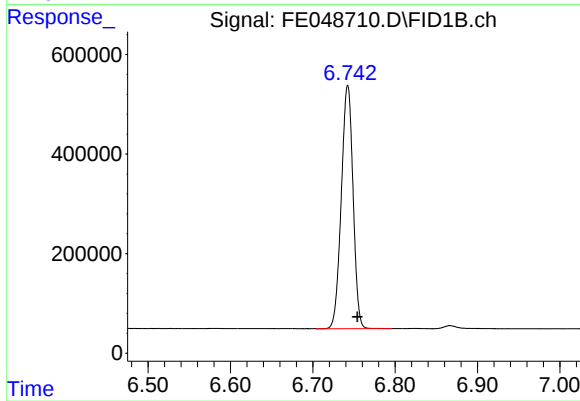
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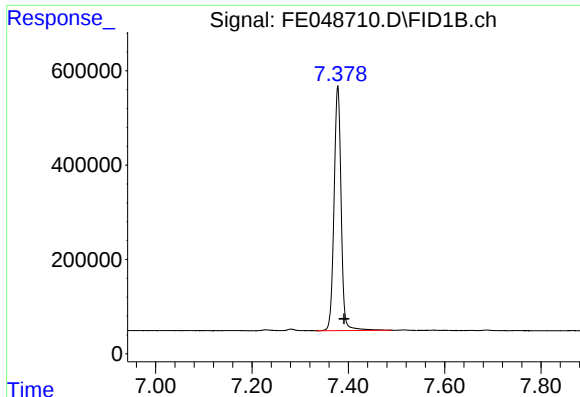
#3 A~Naphthalene (C11.7)

R.T.: 6.282 min
Delta R.T.: -0.013 min
Response: 5156767
Conc: 34.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 4841700
Conc: 32.71 ug/ml



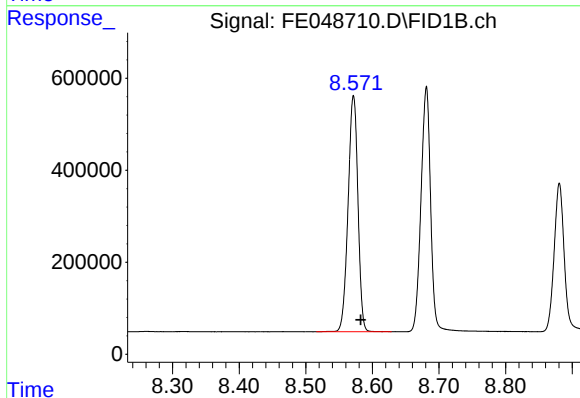
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.378 min
Delta R.T.: -0.013 min
Response: 5302275
Conc: 38.24 ug/ml

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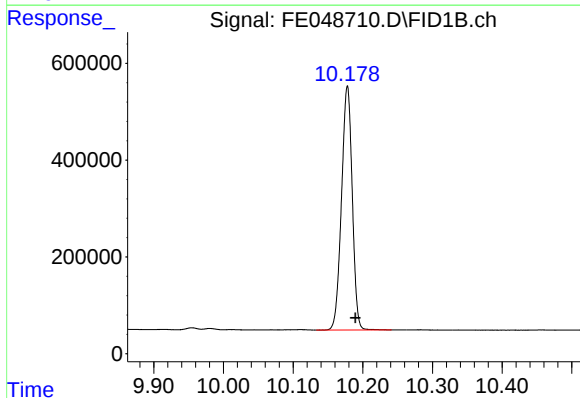


#6 n-Tetradecane (C14)

R.T.: 8.572 min
Delta R.T.: -0.011 min
Response: 5272028
Conc: 37.17 ug/ml

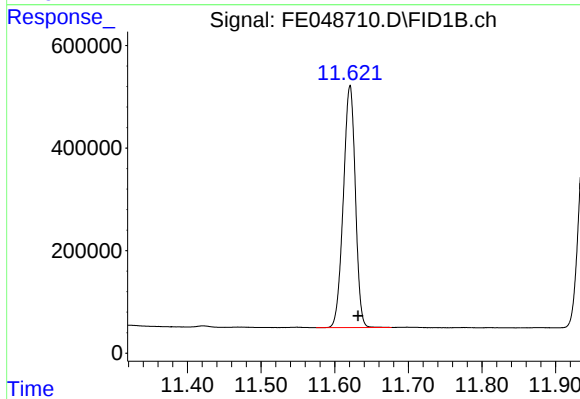
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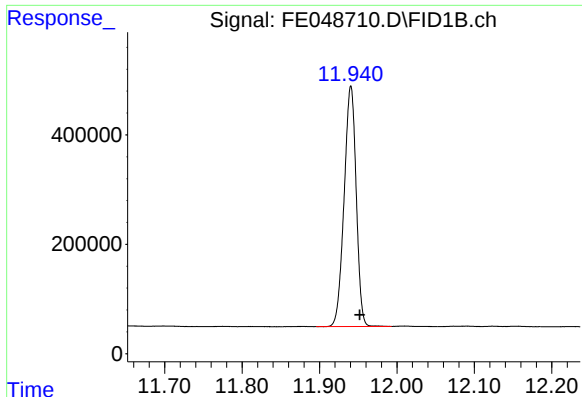
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.011 min
Response: 5391720
Conc: 38.24 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.621 min
Delta R.T.: -0.011 min
Response: 5350679
Conc: 38.53 ug/ml



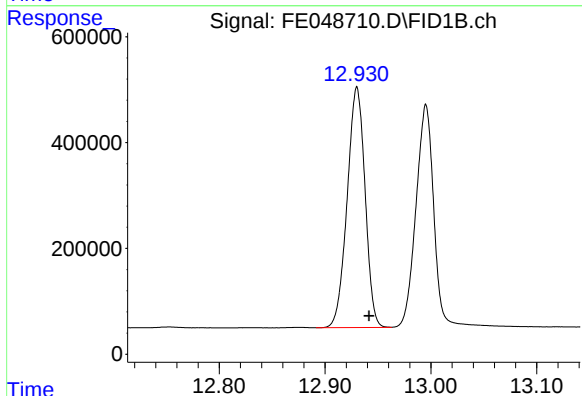
#9 ortho-Terphenyl (SURR)

R.T.: 11.941 min
Delta R.T.: -0.011 min
Response: 4758152
Conc: 33.14 ug/ml

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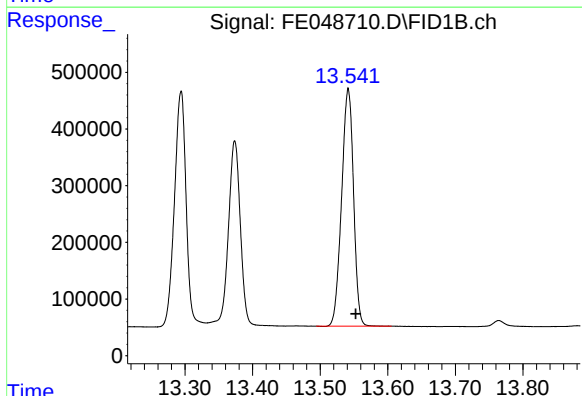


#10 n-Eicosane (C20)

R.T.: 12.930 min
Delta R.T.: -0.012 min
Response: 5343765
Conc: 40.38 ug/ml

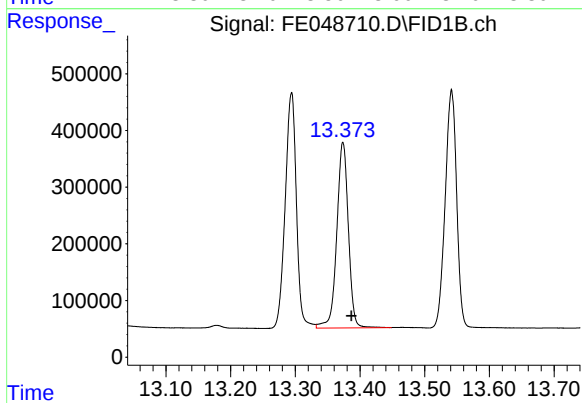
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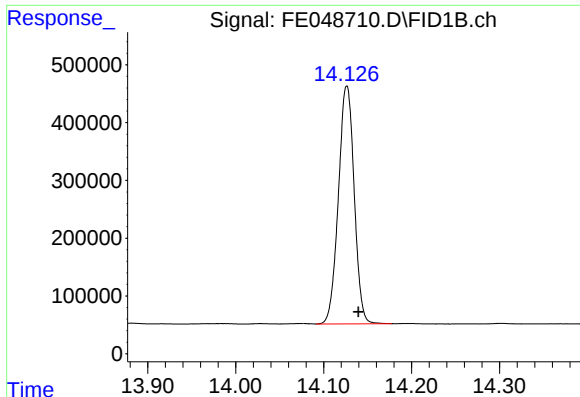
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: -0.011 min
Response: 5142435
Conc: 39.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: -0.013 min
Response: 4075168
Conc: 37.41 ug/ml



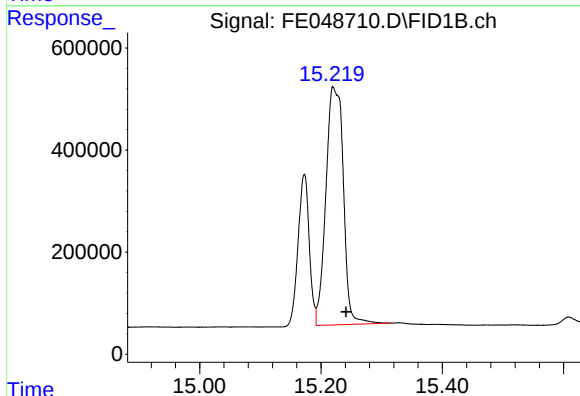
#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.013 min
Response: 5135027
Conc: 39.85 ug/ml

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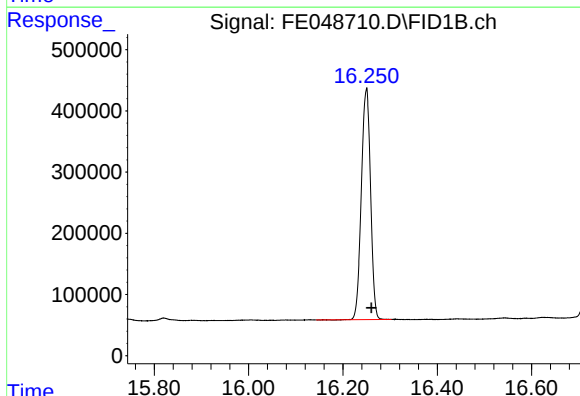


#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.022 min
Response: 9331529
Conc: 72.03 ug/ml

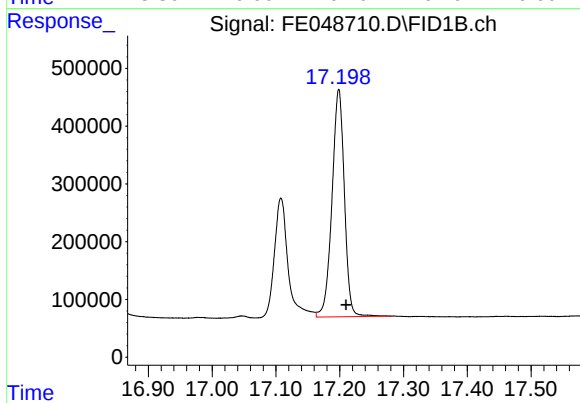
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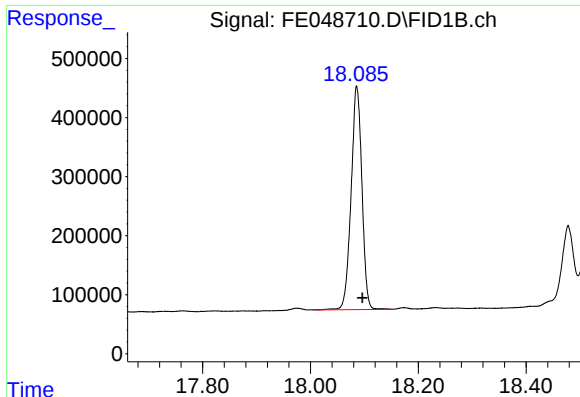
#15 n-Hexacosane (C26)

R.T.: 16.250 min
Delta R.T.: -0.011 min
Response: 5107354
Conc: 39.41 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.199 min
Delta R.T.: -0.012 min
Response: 5327617
Conc: 41.22 ug/ml



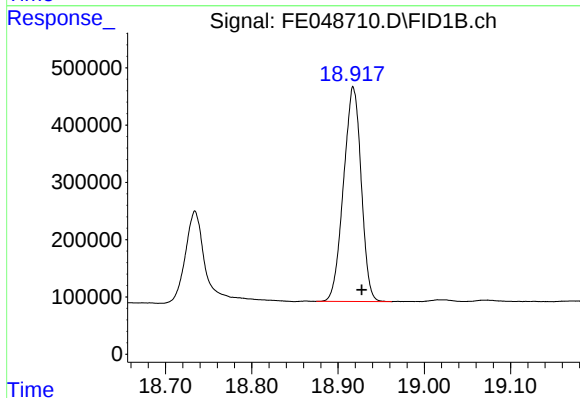
#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: -0.011 min
Response: 5265421
Conc: 39.31 ug/ml

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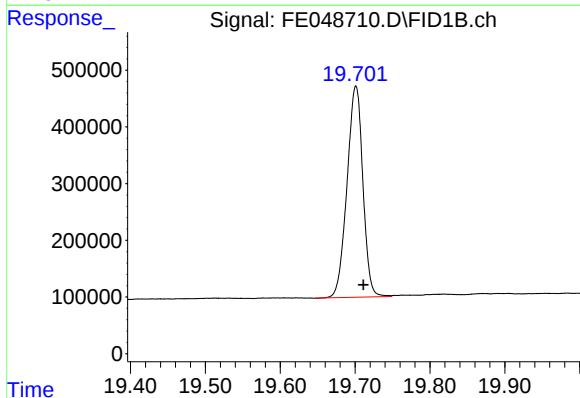


#18 n-Dotriacontane (C32)

R.T.: 18.918 min
Delta R.T.: -0.010 min
Response: 5332019
Conc: 39.28 ug/ml

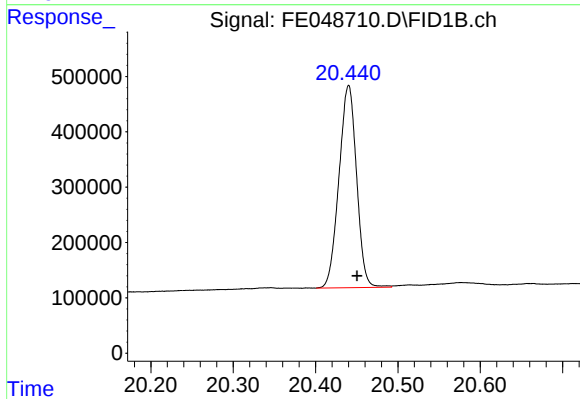
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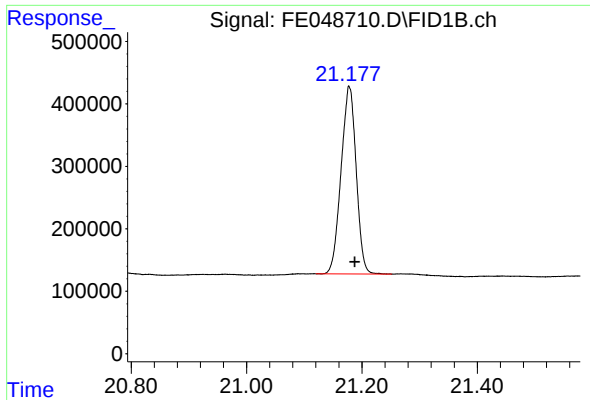
#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.010 min
Response: 5481113
Conc: 40.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.010 min
Response: 5427502
Conc: 39.93 ug/ml



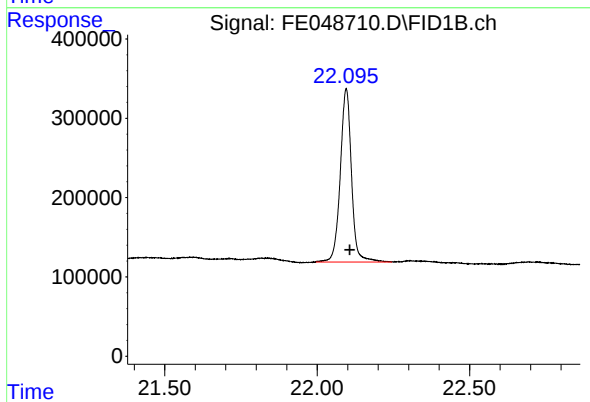
#21 n-Octatriacontane (C38)

R.T.: 21.178 min
Delta R.T.: -0.010 min
Response: 5466414
Conc: 40.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.095 min
Delta R.T.: -0.013 min
Response: 5601768
Conc: 40.91 ug/ml m

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