

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101723AL\
 Data File : FE044900.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2023 16:58
 Operator : YP\AJ
 Sample : 04905-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LSS-B4-COMP-101323MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2023
 Supervised By :Ankita Jodhani 10/18/2023

Integration File: autoint1.e
 Quant Time: Oct 17 17:59:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 Qlast Update : Thu Oct 12 06:15:32 2023
 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)	11.904	3888539	19.398 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
12) S 1-chlorooctadecane (S...	13.345	2917693	19.716 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T n-Nonane (C9)	3.293	4588788	27.354 ug/ml
2) T n-Decane (C10)	4.543	5302034	31.124 ug/ml
3) T A~Naphthalene (C11.7)	6.242	6025502	32.550 ug/ml
4) T n-Dodecane (C12)	6.707	5779023	33.478 ug/ml
5) T A~2-methylnaphthalene...	7.337	5988770	33.199 ug/ml
6) T n-Tetradecane (C14)	8.536	5981115	34.880 ug/ml
7) T n-Hexadecane (C16)	10.145	6325522	36.173 ug/ml
8) T n-Octadecane (C18)	11.591	6628753	38.006 ug/ml
10) T n-Eicosane (C20)	12.903	6715315	40.204 ug/ml
11) T n-Heneicosane (C21)	13.516	6409918	39.322 ug/ml
13) T n-Docosane (C22)	14.103	6316387	39.489 ug/ml
14) T n-Tetracosane (C24)	15.187	12084006	77.863 ug/mlm
15) T n-Hexacosane (C26)	16.233	5917778	39.416 ug/ml
16) T n-Octacosane (C28)	17.182	5903868	40.205 ug/ml
17) T n-Tricontane (C30)	18.073	5837579	39.250 ug/ml
18) T n-Dotriacontane (C32)	18.905	5853242	38.997 ug/ml
19) T n-Tetratriacontane (C34)	19.690	5907347	39.683 ug/ml
20) T n-Hexatriacontane (C36)	20.429	5718217	37.194 ug/mlm
21) T n-Octatriacontane (C38)	21.170	6030222	38.603 ug/ml
22) T n-Tetracontane (C40)	22.089	6357123	38.039 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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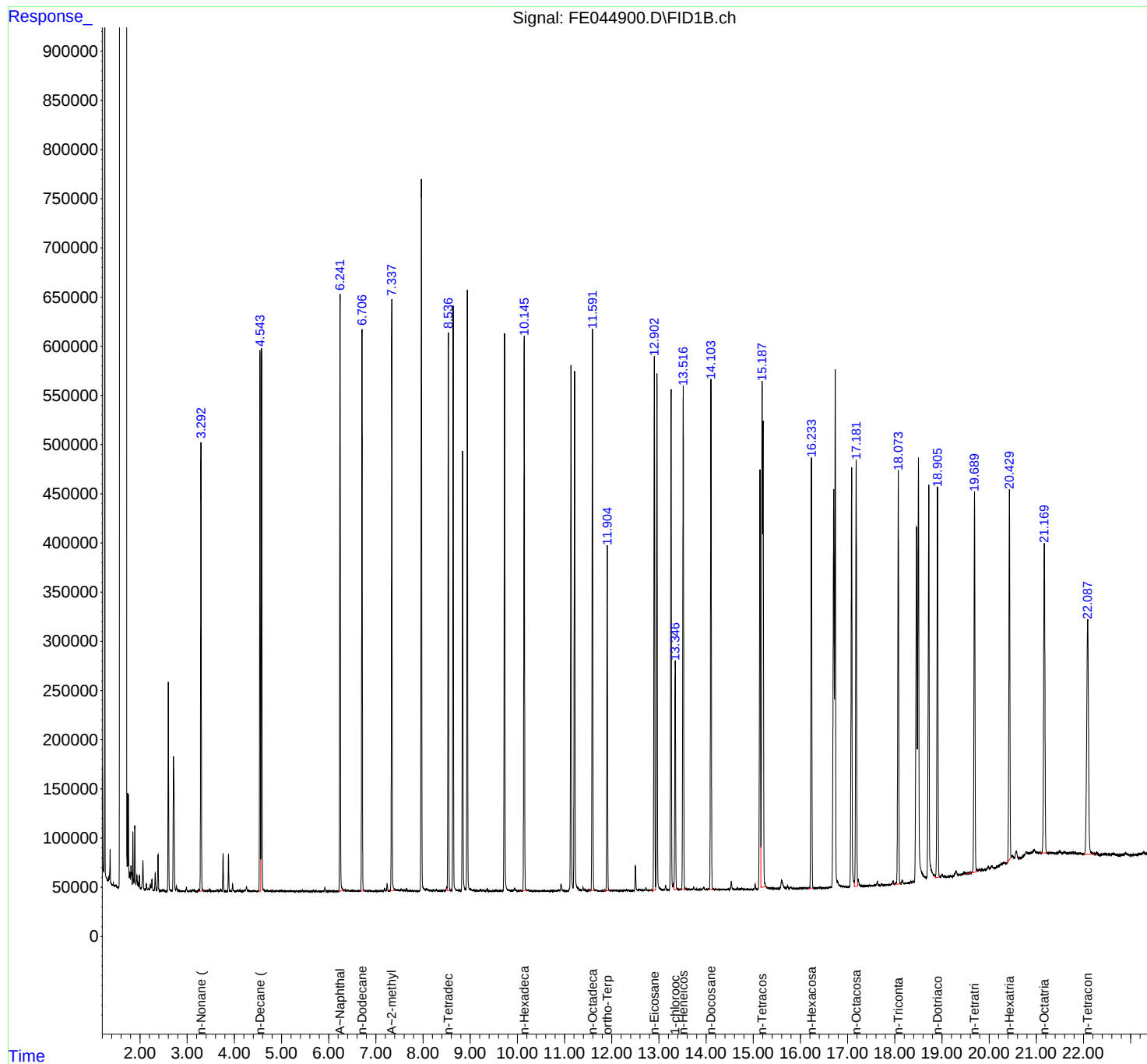
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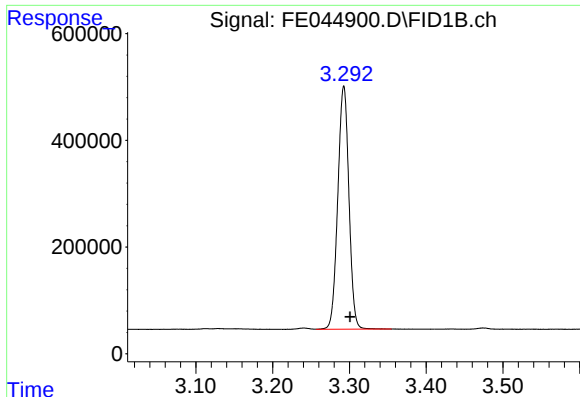
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#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.008 min
Response: 4588788
Conc: 27.35 ug/ml

Instrument :

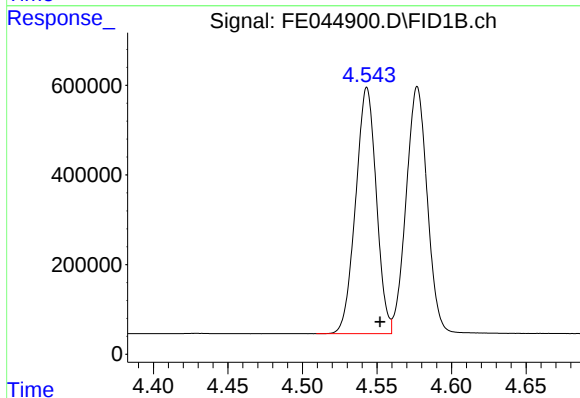
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ClientSampleId :

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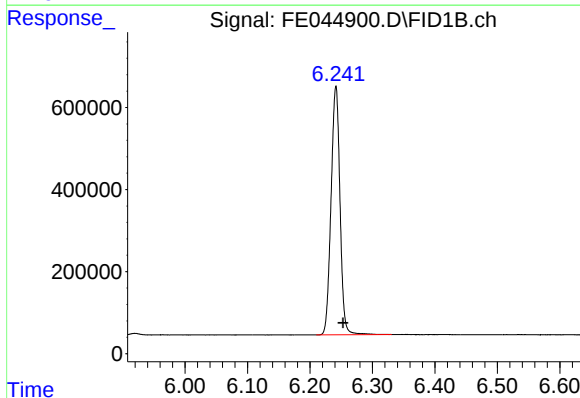
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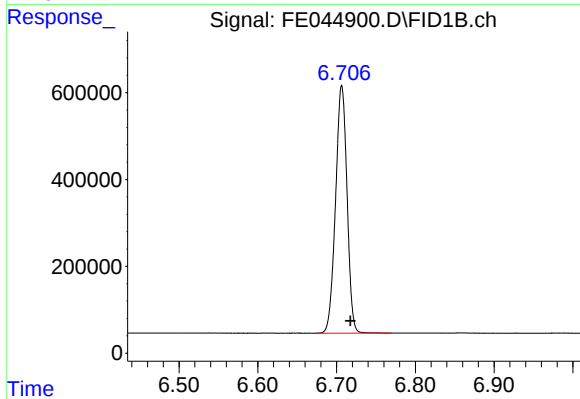
#2 n-Decane (C10)

R.T.: 4.543 min
Delta R.T.: -0.009 min
Response: 5302034
Conc: 31.12 ug/ml



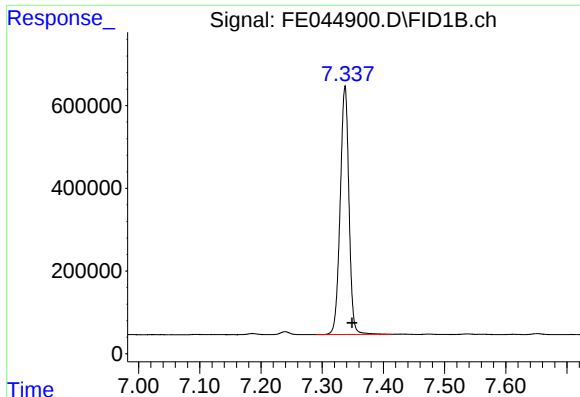
#3 A~Naphthalene (C11.7)

R.T.: 6.242 min
Delta R.T.: -0.012 min
Response: 6025502
Conc: 32.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.707 min
Delta R.T.: -0.011 min
Response: 5779023
Conc: 33.48 ug/ml



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

R.T.: 7.337 min
Delta R.T.: -0.012 min
Response: 5988770
Conc: 33.20 ug/ml

Instrument :

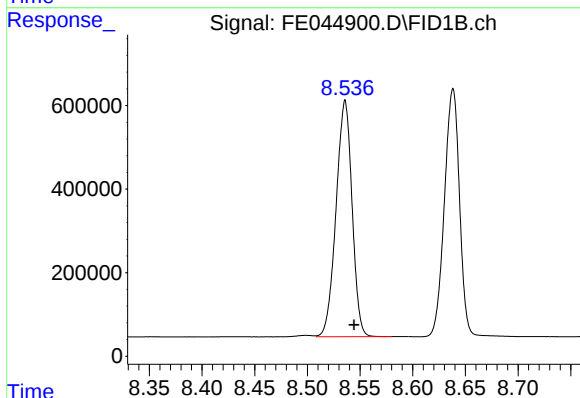
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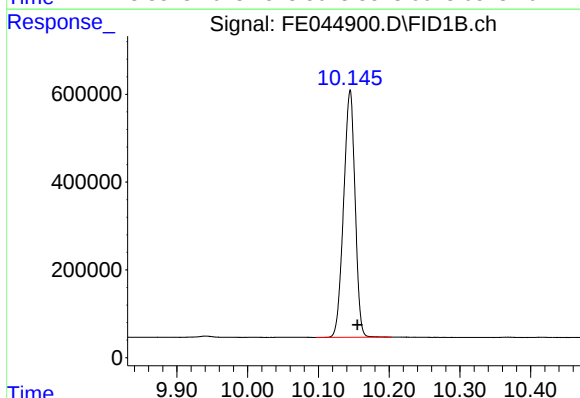
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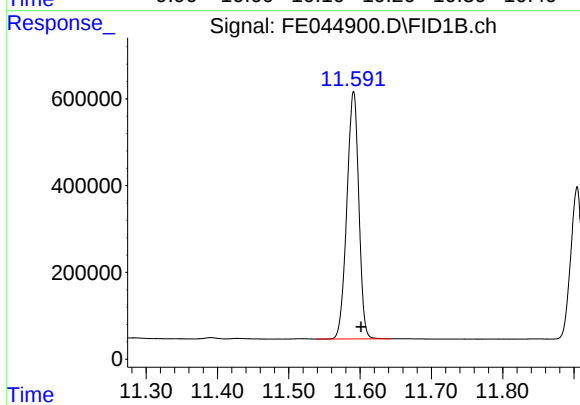
#6 n-Tetradecane (C14)

R.T.: 8.536 min
Delta R.T.: -0.009 min
Response: 5981115
Conc: 34.88 ug/ml



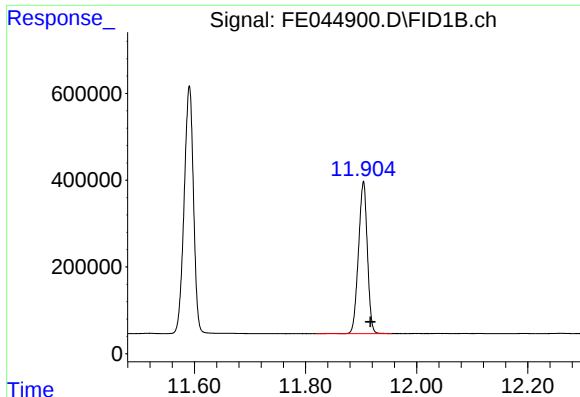
#7 n-Hexadecane (C16)

R.T.: 10.145 min
Delta R.T.: -0.010 min
Response: 6325522
Conc: 36.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.591 min
Delta R.T.: -0.010 min
Response: 6628753
Conc: 38.01 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.013 min
Response: 3888539
Conc: 19.40 ug/ml

Instrument :

FID_E

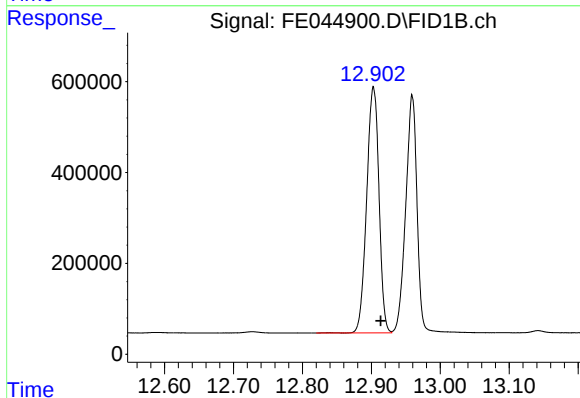
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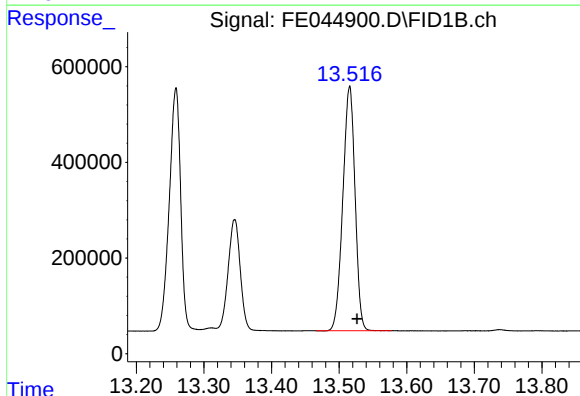
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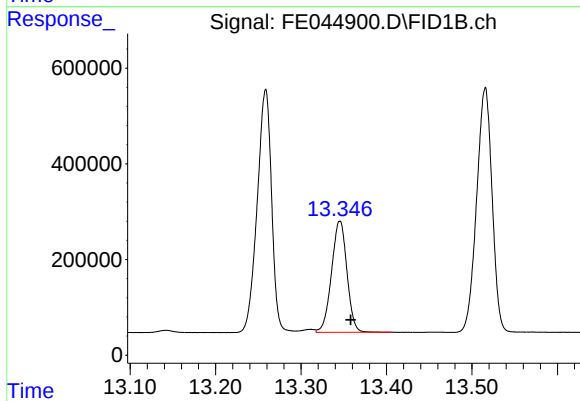
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.010 min
Response: 6715315
Conc: 40.20 ug/ml



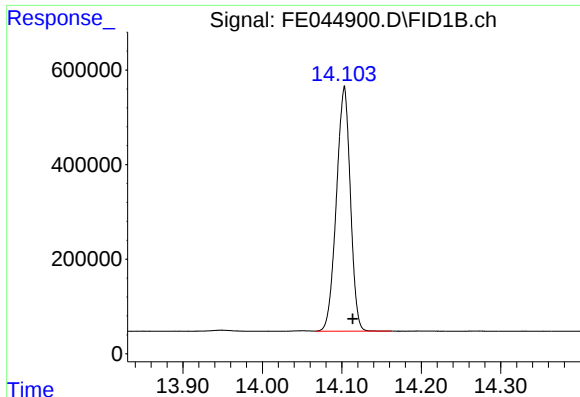
#11 n-Heneicosane (C21)

R.T.: 13.516 min
Delta R.T.: -0.011 min
Response: 6409918
Conc: 39.32 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.345 min
Delta R.T.: -0.013 min
Response: 2917693
Conc: 19.72 ug/ml



#13 n-Docosane (C22)

R.T.: 14.103 min
Delta R.T.: -0.011 min
Response: 6316387
Conc: 39.49 ug/ml

Instrument :

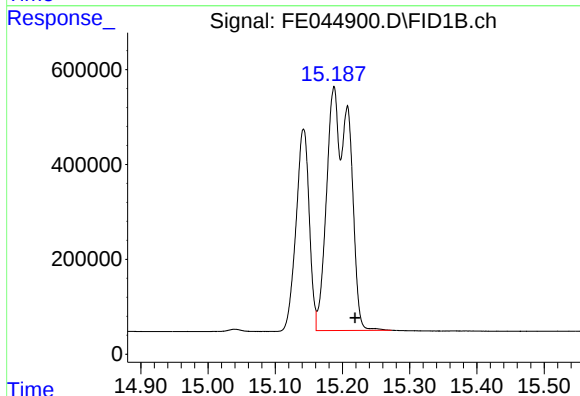
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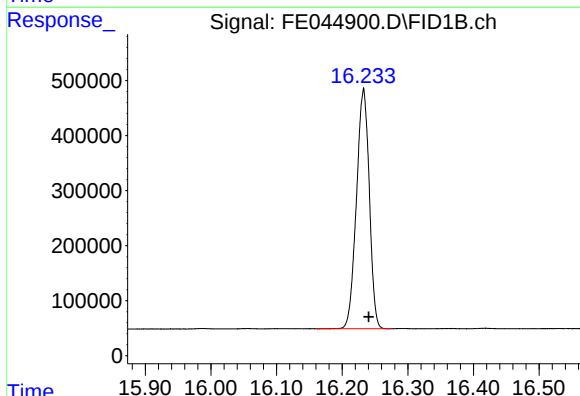
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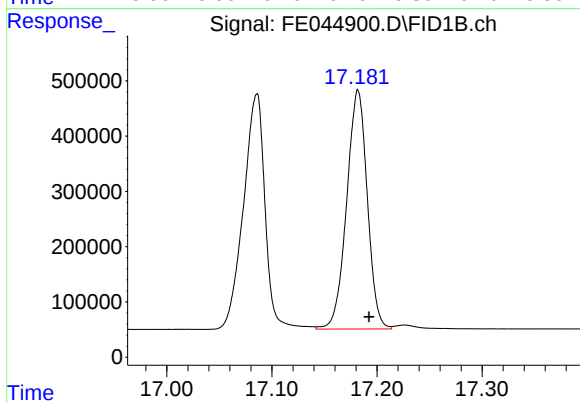
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.032 min
Response: 12084006
Conc: 77.86 ug/ml m



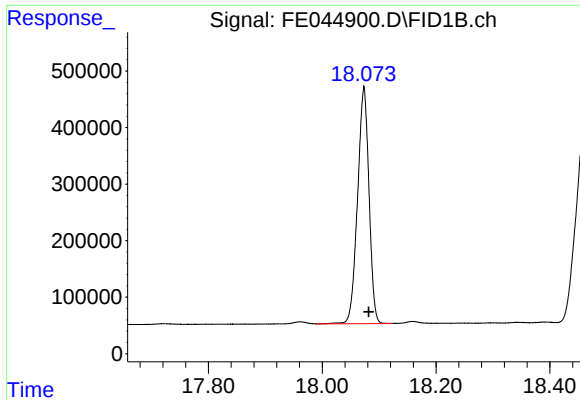
#15 n-Hexacosane (C26)

R.T.: 16.233 min
Delta R.T.: -0.008 min
Response: 5917778
Conc: 39.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: -0.010 min
Response: 5903868
Conc: 40.21 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.073 min
Delta R.T.: -0.008 min
Response: 5837579
Conc: 39.25 ug/ml

Instrument :

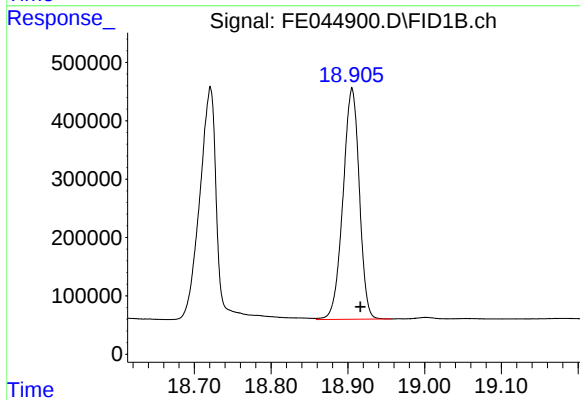
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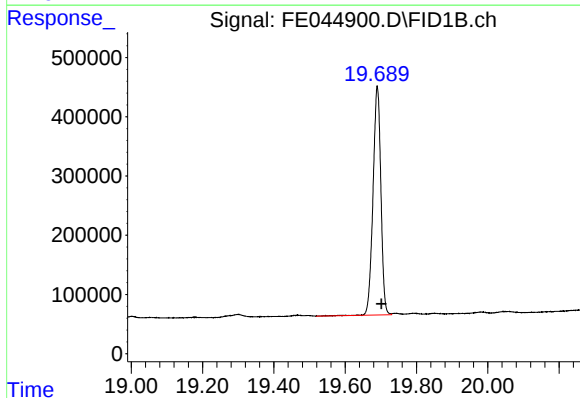
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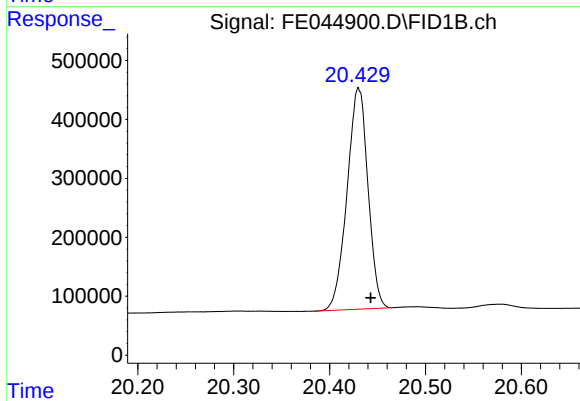
#18 n-Dotriacontane (C32)

R.T.: 18.905 min
Delta R.T.: -0.011 min
Response: 5853242
Conc: 39.00 ug/ml



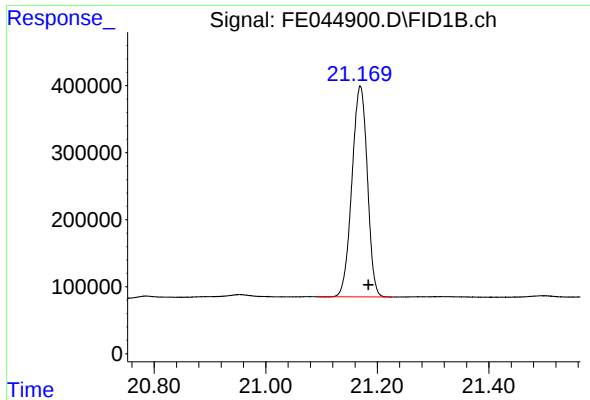
#19 n-Tetratriacontane (C34)

R.T.: 19.690 min
Delta R.T.: -0.011 min
Response: 5907347
Conc: 39.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.429 min
Delta R.T.: -0.013 min
Response: 5718217
Conc: 37.19 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.170 min
Delta R.T.: -0.015 min
Response: 6030222
Conc: 38.60 ug/ml

Instrument :

FID_E

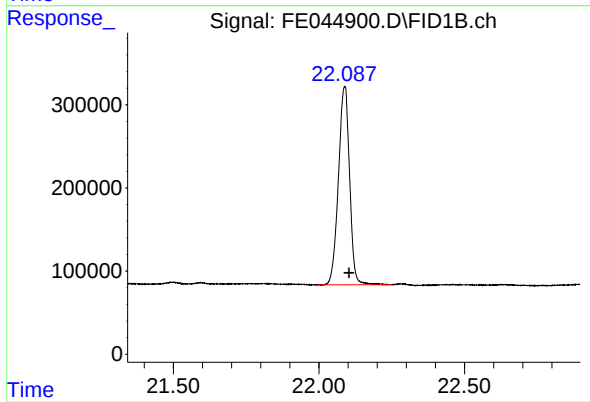
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#22 n-Tetracontane (C40)

R.T.: 22.089 min
Delta R.T.: -0.015 min
Response: 6357123
Conc: 38.04 ug/ml