

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022525AL\
 Data File : FE052497.D
 Signal(s) : FID1B.ch
 Acq On : 25 Feb 2025 18:19
 Operator : YP\AJ
 Sample : Q1420-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1-WCMSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/26/2025

Supervised By :Ankita Jodhani 02/26/2025

Integration File: autoint1.e

Quant Time: Feb 26 03:12:22 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M

Quant Title : GC Extractables

QLast Update : Fri Feb 14 00:50:00 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			
9) S ortho-Terphenyl (SURR)	11.923	5790009	30.974 ug/ml
Spiked Amount 50.000		Recovery =	61.95%
12) S 1-chlorooctadecane (S...	13.368	4784568	34.422 ug/ml
Spiked Amount 50.000		Recovery =	68.84%
Target Compounds			
1) T n-Nonane (C9)	3.260	5189839	33.810 ug/ml
2) T n-Decane (C10)	4.522	5680746	36.371 ug/ml
3) T A~Naphthalene (C11.7)	6.234	6770184	39.186 ug/ml
4) T n-Dodecane (C12)	6.701	5959785	37.758 ug/ml
5) T A~2-methylnaphthalene...	7.337	6424042	38.250 ug/ml
6) T n-Tetradecane (C14)	8.541	6460934	41.018 ug/ml
7) T n-Hexadecane (C16)	10.156	6944076	42.487 ug/ml
8) T n-Octadecane (C18)	11.608	7035804	42.523 ug/ml
10) T n-Eicosane (C20)	12.923	7211805	45.237 ug/ml
11) T n-Heneicosane (C21)	13.537	6870206	43.851 ug/ml
13) T n-Docosane (C22)	14.125	6816129	43.554 ug/ml
14) T n-Tetracosane (C24)	15.222	14141391	89.918 ug/ml
15) T n-Hexacosane (C26)	16.259	6605950	42.650 ug/ml
16) T n-Octacosane (C28)	17.211	6625781	43.317 ug/ml
17) T n-Tricontane (C30)	18.103	6691780	42.869 ug/ml
18) T n-Dotriacontane (C32)	18.938	6533684	42.698 ug/mlm
19) T n-Tetratriacontane (C34)	19.723	6594339	46.353 ug/ml
20) T n-Hexatriacontane (C36)	20.464	6221575	49.918 ug/ml
21) T n-Octatriacontane (C38)	21.209	6206362	56.782 ug/ml
22) T n-Tetracontane (C40)	22.136	6525503	64.873 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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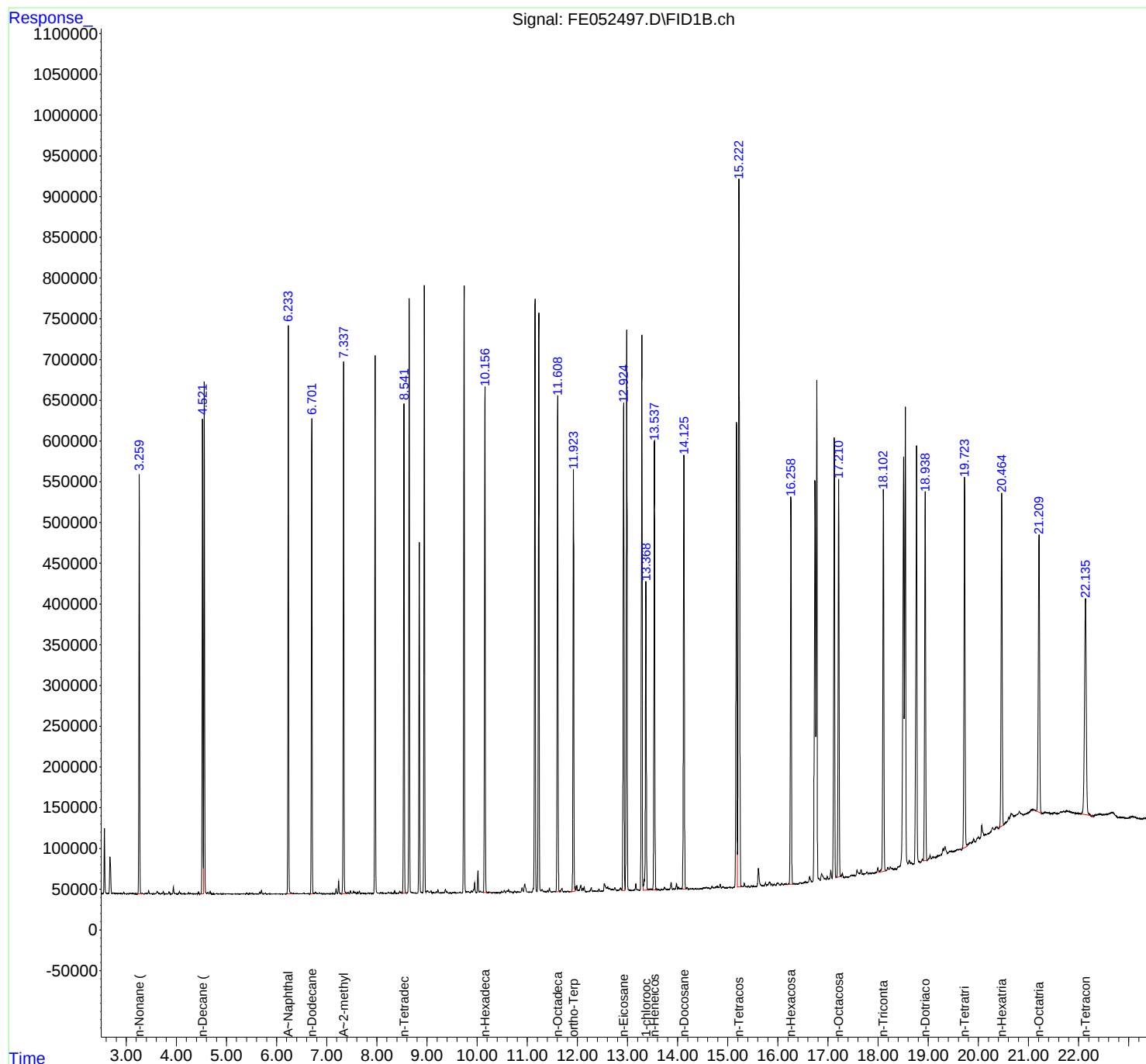
Instrument :
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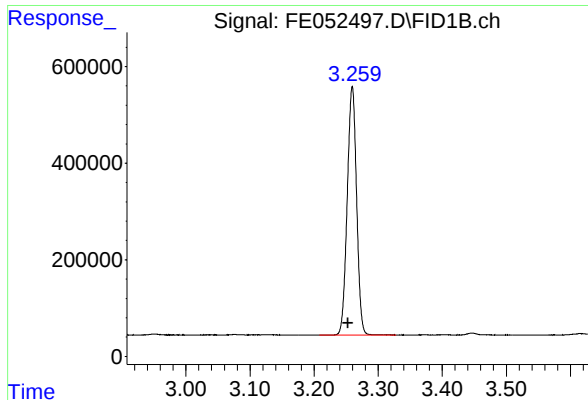
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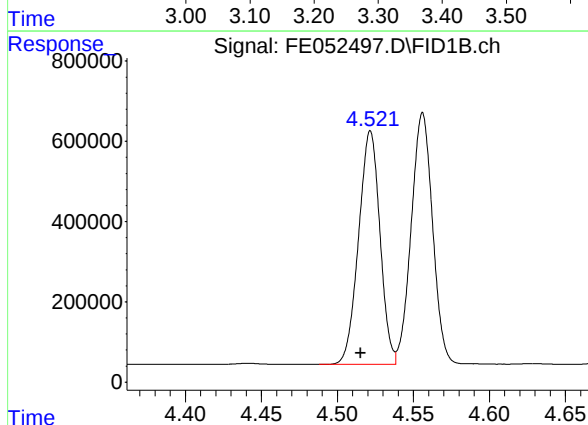
#1 n-Nonane (C9)

R.T.: 3.260 min
Delta R.T.: 0.006 min
Response: 5189839
Conc: 33.81 ug/ml

Instrument :
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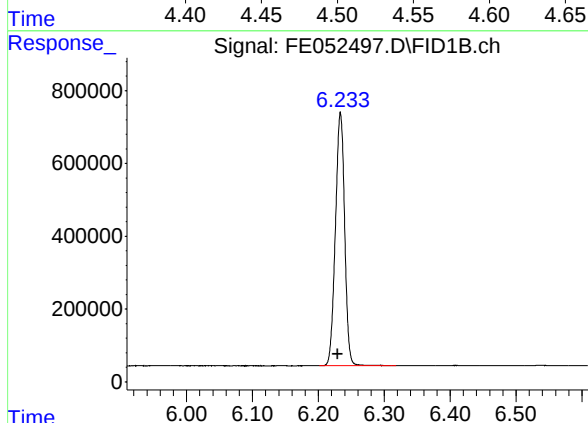
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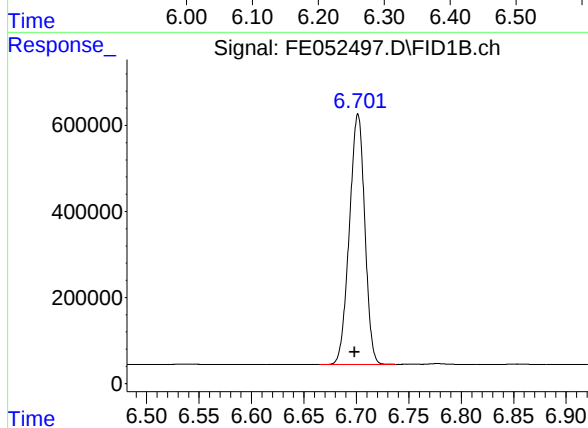
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: 0.006 min
Response: 5680746
Conc: 36.37 ug/ml



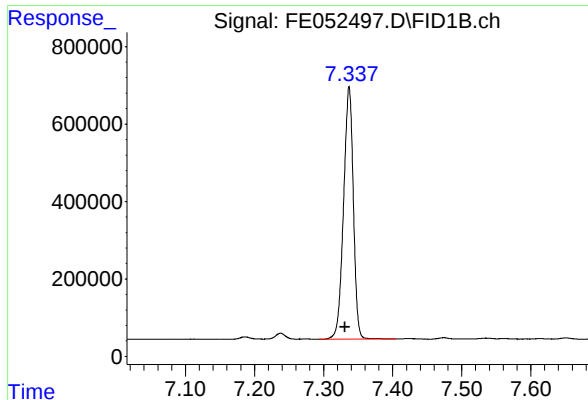
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: 0.004 min
Response: 6770184
Conc: 39.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.701 min
Delta R.T.: 0.003 min
Response: 5959785
Conc: 37.76 ug/ml



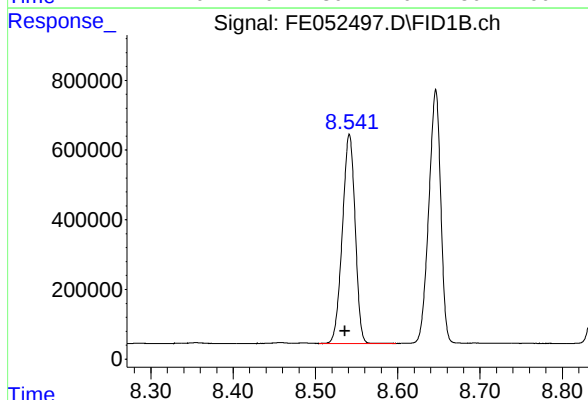
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.337 min
Delta R.T.: 0.006 min
Response: 6424042
Conc: 38.25 ug/ml

Instrument :
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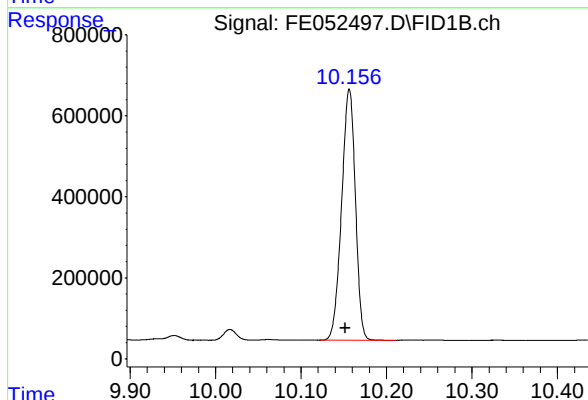
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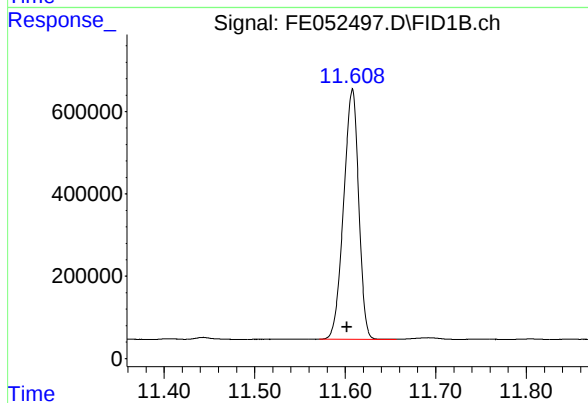
#6 n-Tetradecane (C14)

R.T.: 8.541 min
Delta R.T.: 0.005 min
Response: 6460934
Conc: 41.02 ug/ml



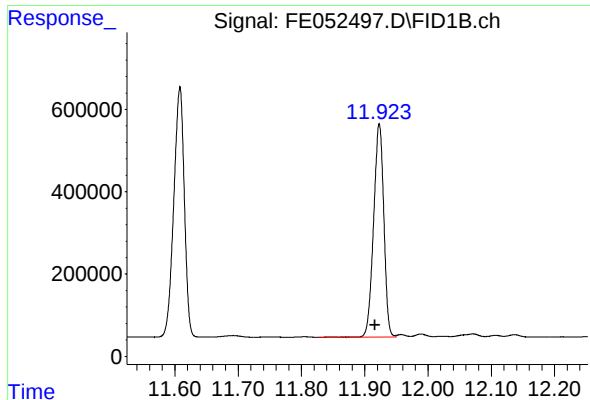
#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: 0.004 min
Response: 6944076
Conc: 42.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: 0.006 min
Response: 7035804
Conc: 42.52 ug/ml



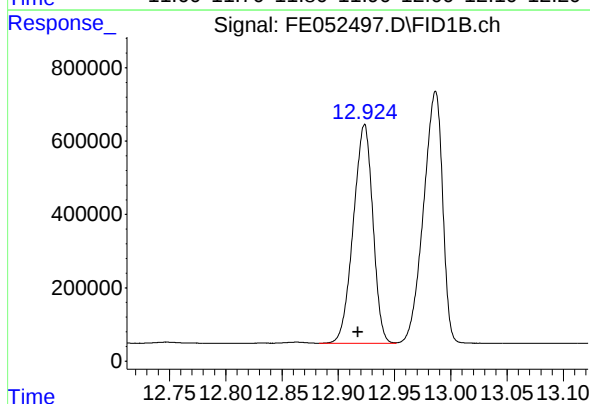
#9 ortho-Terphenyl (SURR)

R.T.: 11.923 min
Delta R.T.: 0.006 min
Response: 5790009
Conc: 30.97 ug/ml

Instrument :
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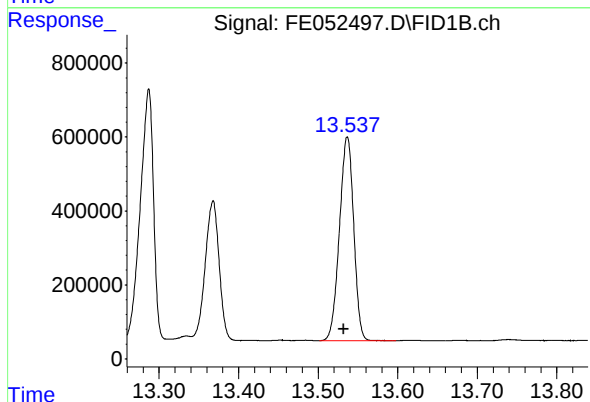
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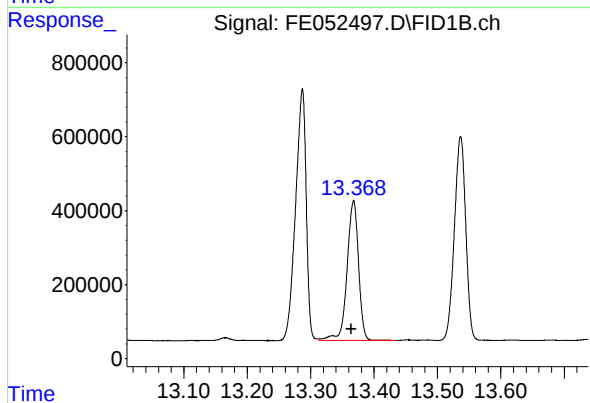
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.005 min
Response: 7211805
Conc: 45.24 ug/ml



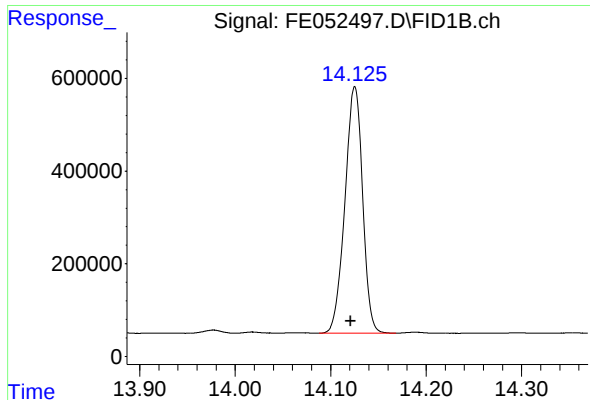
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: 0.004 min
Response: 6870206
Conc: 43.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: 0.003 min
Response: 4784568
Conc: 34.42 ug/ml



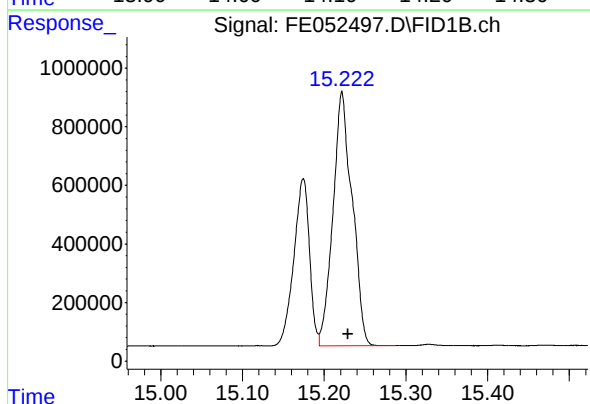
#13 n-Docosane (C22)

R.T.: 14.125 min
Delta R.T.: 0.004 min
Response: 6816129
Conc: 43.55 ug/ml

Instrument :
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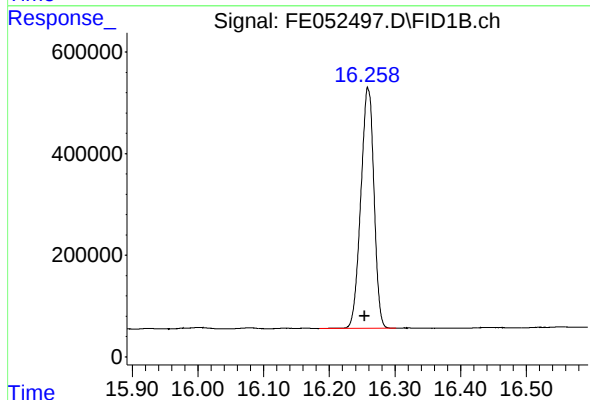
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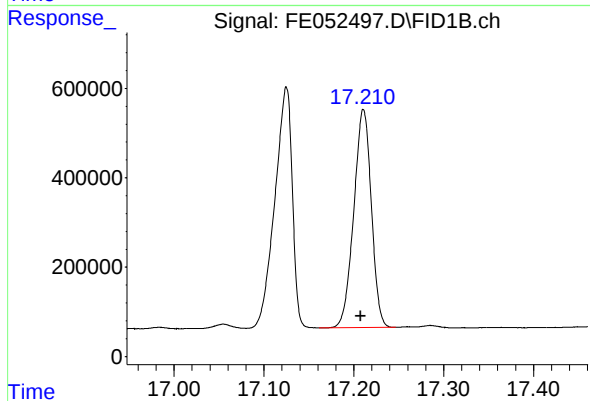
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.007 min
Response: 14141391
Conc: 89.92 ug/ml



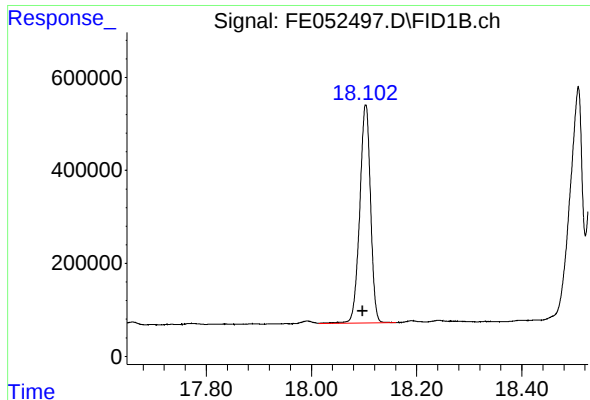
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: 0.005 min
Response: 6605950
Conc: 42.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.003 min
Response: 6625781
Conc: 43.32 ug/ml



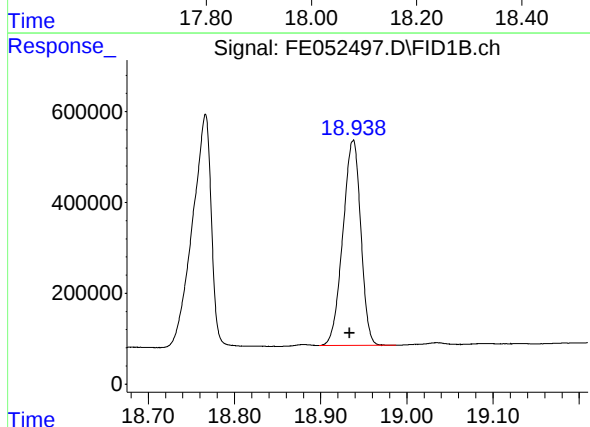
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: 0.006 min
Response: 6691780
Conc: 42.87 ug/ml

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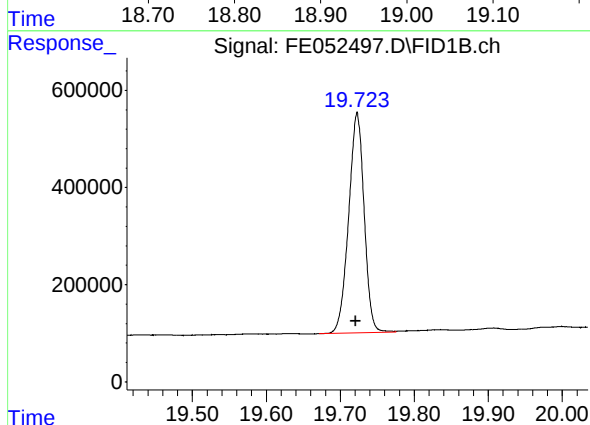
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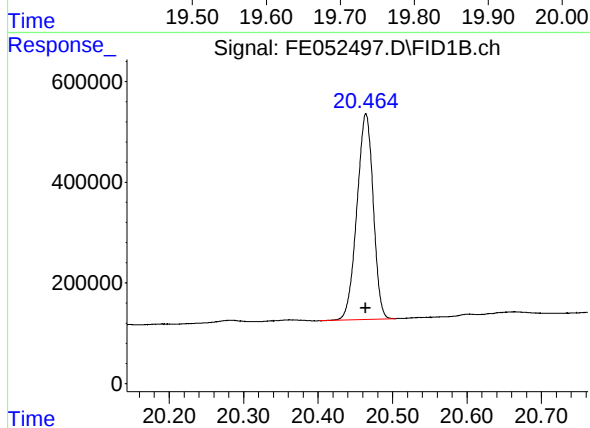
#18 n-Dotriacontane (C32)

R.T.: 18.938 min
Delta R.T.: 0.005 min
Response: 6533684
Conc: 42.70 ug/ml



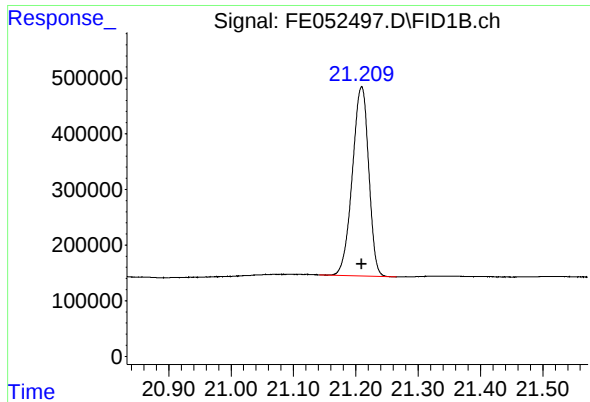
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.002 min
Response: 6594339
Conc: 46.35 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.464 min
Delta R.T.: 0.000 min
Response: 6221575
Conc: 49.92 ug/ml



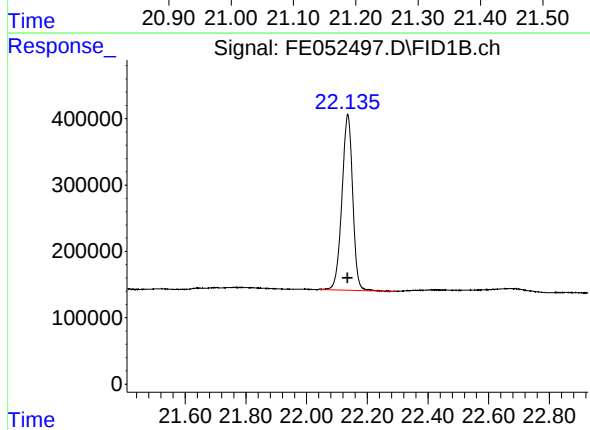
#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.000 min
Response: 6206362
Conc: 56.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.136 min
Delta R.T.: 0.000 min
Response: 6525503
Conc: 64.87 ug/ml