

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020425AL\
 Data File : FE052216.D
 Signal(s) : FID1B.ch
 Acq On : 04 Feb 2025 13:06
 Operator : YP\AJ
 Sample : PB166524BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166524BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/05/2025
 Supervised By :Ankita Jodhani 02/05/2025

Integration File: autoint1.e
 Quant Time: Feb 05 00:48:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:16:54 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)	12.272	5034490	40.676 ug/ml
Spiked Amount 50.000		Recovery =	81.35%
12) S 1-chlorooctadecane (S...	13.688	4257347	43.138 ug/ml
Spiked Amount 50.000		Recovery =	86.28%
Target Compounds			
1) T n-Nonane (C9)	3.724	3455754	36.998 ug/ml
2) T n-Decane (C10)	4.953	3675904	38.278 ug/ml
3) T A~Naphthalene (C11.7)	6.655	4312807	40.355 ug/ml
4) T n-Dodecane (C12)	7.087	3837975	38.722 ug/ml
5) T A~2-methylnaphthalene...	7.739	4026320	38.444 ug/ml
6) T n-Tetradecane (C14)	8.900	4000020	39.638 ug/ml
7) T n-Hexadecane (C16)	10.498	4103110	37.811 ug/ml
8) T n-Octadecane (C18)	11.935	4218563	37.135 ug/ml
10) T n-Eicosane (C20)	13.241	4427123	39.230 ug/mlm
11) T n-Heneicosane (C21)	13.851	4304102	38.220 ug/ml
13) T n-Docosane (C22)	14.435	4312652	38.101 ug/ml
14) T n-Tetracosane (C24)	15.555	8788808	76.439 ug/ml
15) T n-Hexacosane (C26)	16.553	4314500	37.621 ug/ml
16) T n-Octacosane (C28)	17.499	4338349	38.343 ug/ml
17) T n-Tricontane (C30)	18.385	4675002	41.027 ug/ml
18) T n-Dotriacontane (C32)	19.214	4675245	42.882 ug/ml
19) T n-Tetratriacontane (C34)	19.995	4200555	44.276 ug/ml
20) T n-Hexatriacontane (C36)	20.733	3716814	44.982 ug/ml
21) T n-Octatriacontane (C38)	21.540	3213122	43.250 ug/ml
22) T n-Tetracontane (C40)	22.572	3039605	40.770 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 12 Sample Multiplier: 1

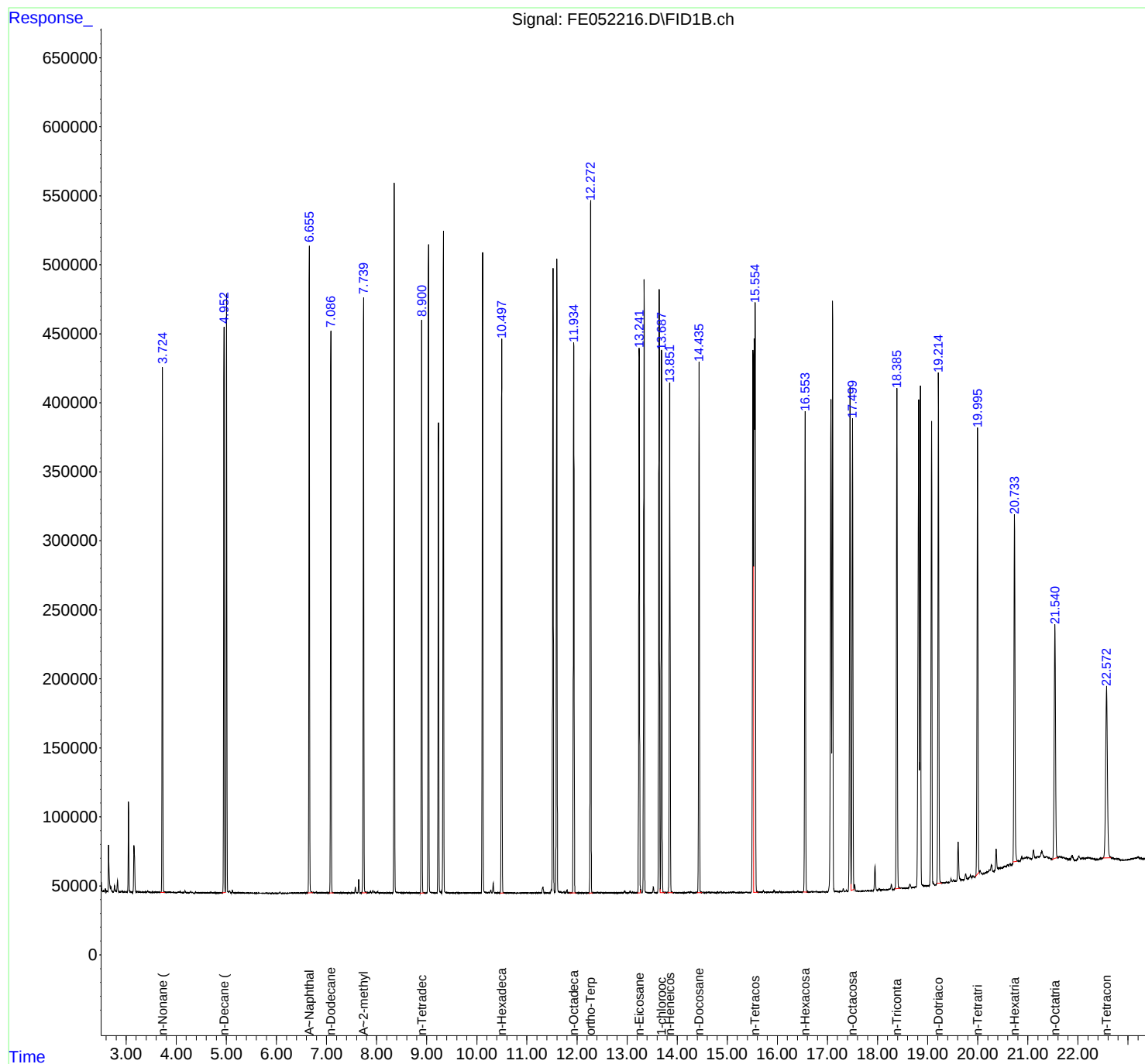
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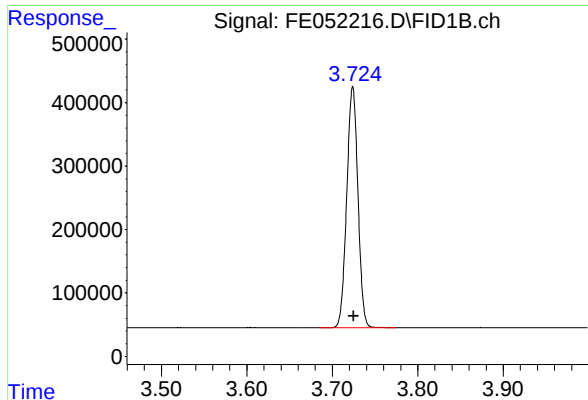
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#1 n-Nonane (C9)

R.T.: 3.724 min
Delta R.T.: -0.001 min
Response: 3455754
Conc: 37.00 ug/ml

Instrument :

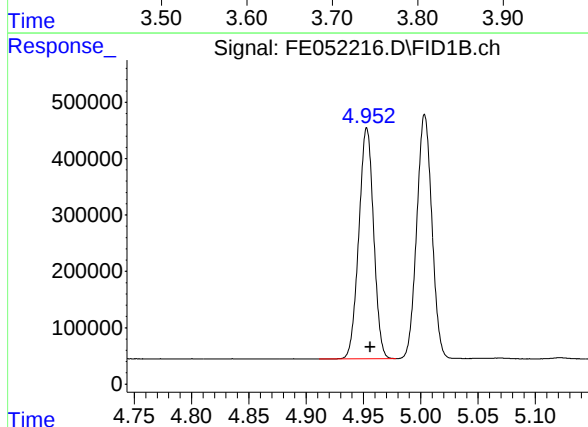
FID_E

ClientSampleId :

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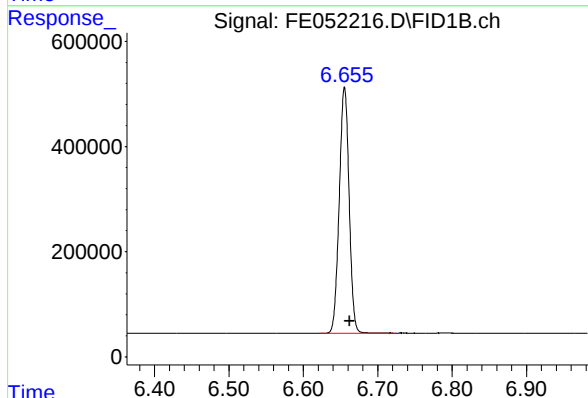
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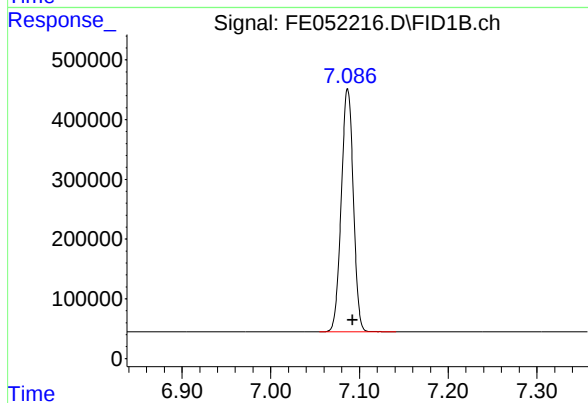
#2 n-Decane (C10)

R.T.: 4.953 min
Delta R.T.: -0.003 min
Response: 3675904
Conc: 38.28 ug/ml



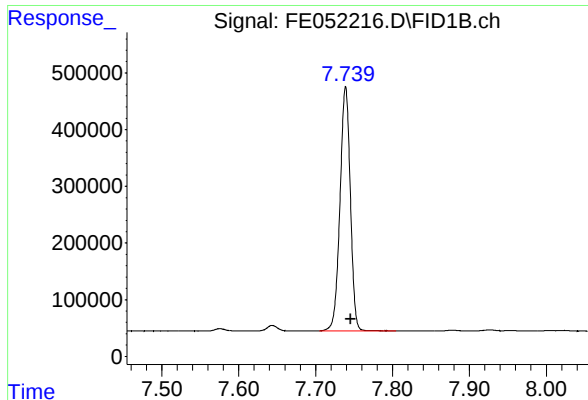
#3 A~Naphthalene (C11.7)

R.T.: 6.655 min
Delta R.T.: -0.007 min
Response: 4312807
Conc: 40.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.087 min
Delta R.T.: -0.005 min
Response: 3837975
Conc: 38.72 ug/ml



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

R.T.: 7.739 min
Delta R.T.: -0.007 min
Response: 4026320
Conc: 38.44 ug/ml

Instrument :

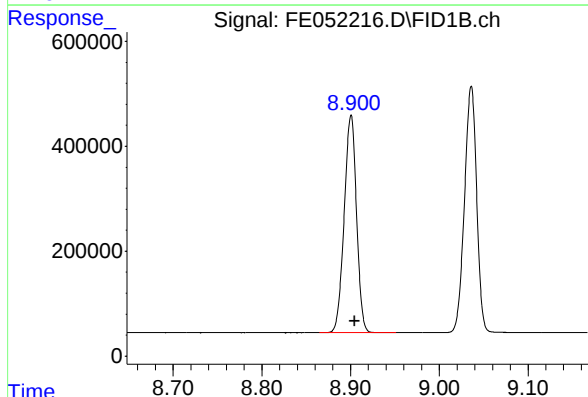
FID_E

ClientSampleId :

PB166524BS

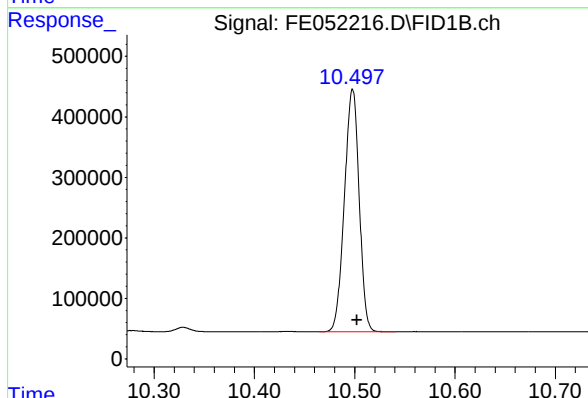
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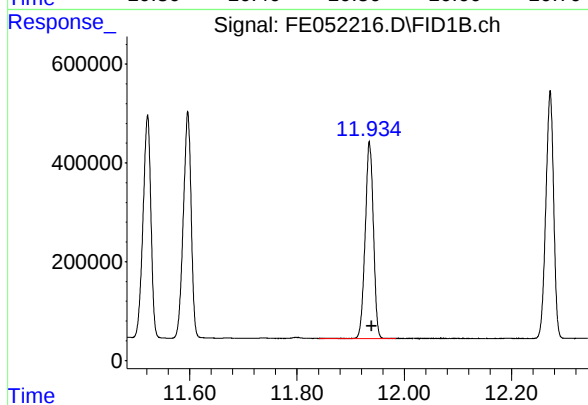
#6 n-Tetradecane (C14)

R.T.: 8.900 min
Delta R.T.: -0.004 min
Response: 4000020
Conc: 39.64 ug/ml



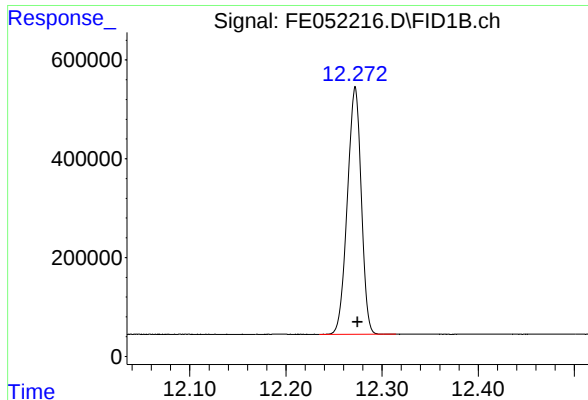
#7 n-Hexadecane (C16)

R.T.: 10.498 min
Delta R.T.: -0.004 min
Response: 4103110
Conc: 37.81 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.935 min
Delta R.T.: -0.004 min
Response: 4218563
Conc: 37.13 ug/ml



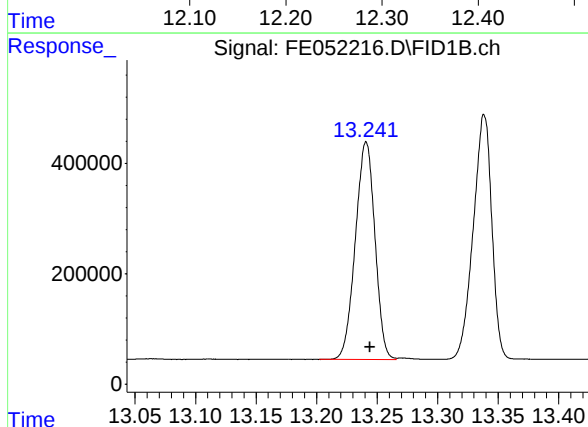
#9 ortho-Terphenyl (SURR)

R.T.: 12.272 min
Delta R.T.: -0.003 min
Response: 5034490
Conc: 40.68 ug/ml

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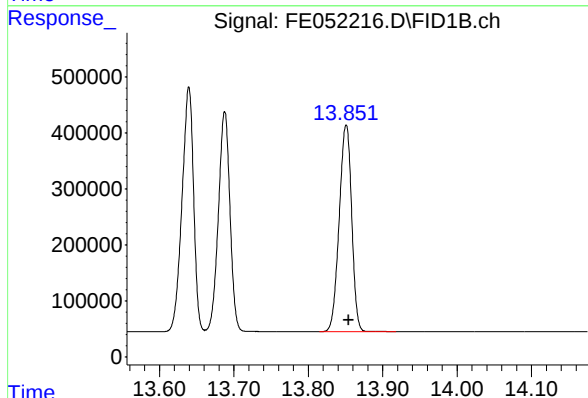
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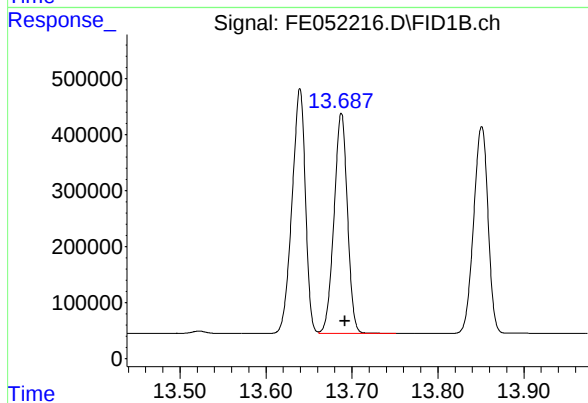
#10 n-Eicosane (C20)

R.T.: 13.241 min
Delta R.T.: -0.004 min
Response: 4427123
Conc: 39.23 ug/ml



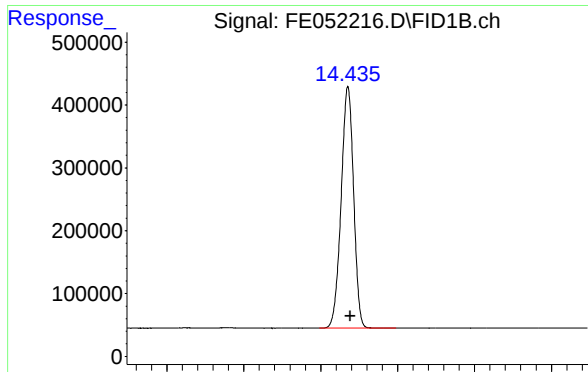
#11 n-Heneicosane (C21)

R.T.: 13.851 min
Delta R.T.: -0.003 min
Response: 4304102
Conc: 38.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.688 min
Delta R.T.: -0.004 min
Response: 4257347
Conc: 43.14 ug/ml



#13 n-Docosane (C22)

R.T.: 14.435 min
Delta R.T.: -0.003 min
Response: 4312652
Conc: 38.10 ug/ml

Instrument :

FID_E

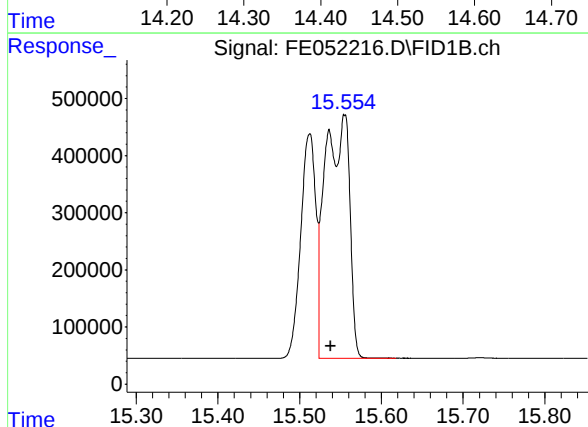
ClientSampleId :

PB166524BS

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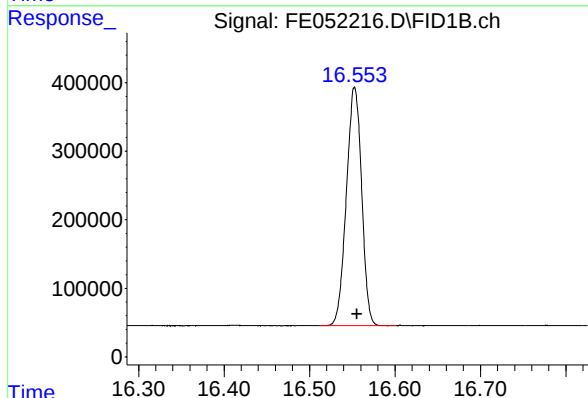
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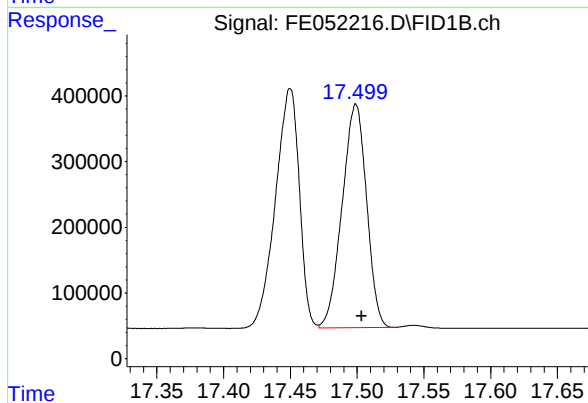
#14 n-Tetracosane (C24)

R.T.: 15.555 min
Delta R.T.: 0.017 min
Response: 8788808
Conc: 76.44 ug/ml



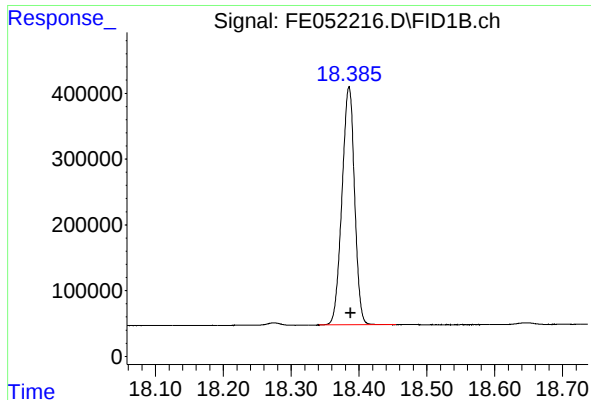
#15 n-Hexacosane (C26)

R.T.: 16.553 min
Delta R.T.: -0.003 min
Response: 4314500
Conc: 37.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.499 min
Delta R.T.: -0.005 min
Response: 4338349
Conc: 38.34 ug/ml



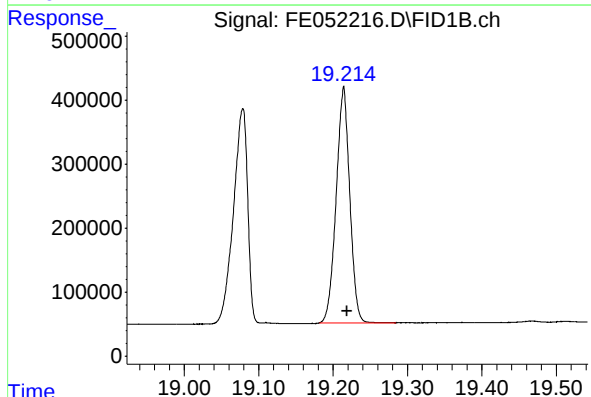
#17 n-Tricontane (C30)

R.T.: 18.385 min
Delta R.T.: -0.003 min
Response: 4675002
Conc: 41.03 ug/ml

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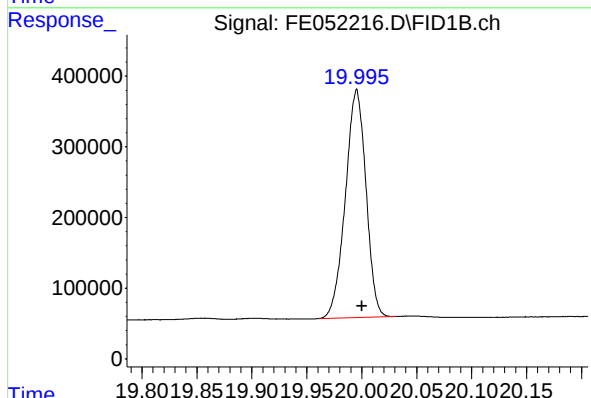
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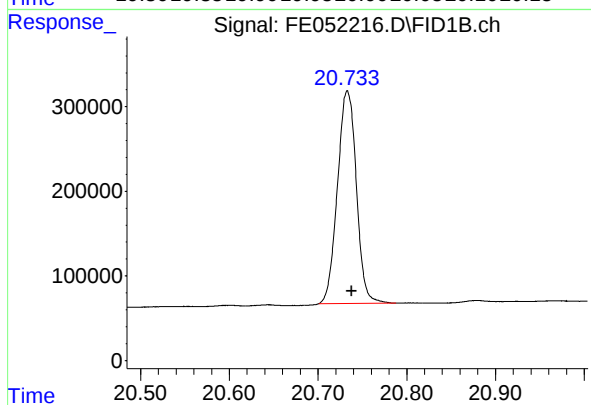
#18 n-Dotriacontane (C32)

R.T.: 19.214 min
Delta R.T.: -0.005 min
Response: 4675245
Conc: 42.88 ug/ml



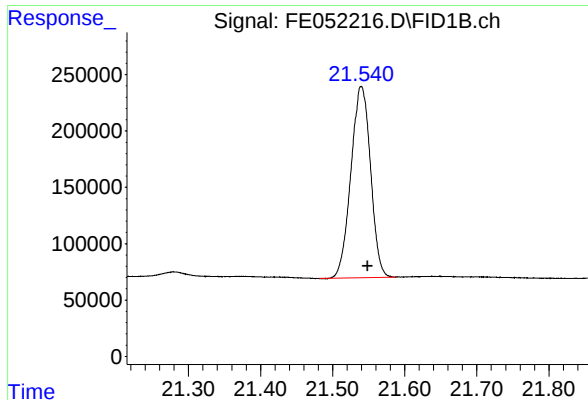
#19 n-Tetratriacontane (C34)

R.T.: 19.995 min
Delta R.T.: -0.005 min
Response: 4200555
Conc: 44.28 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.733 min
Delta R.T.: -0.005 min
Response: 3716814
Conc: 44.98 ug/ml



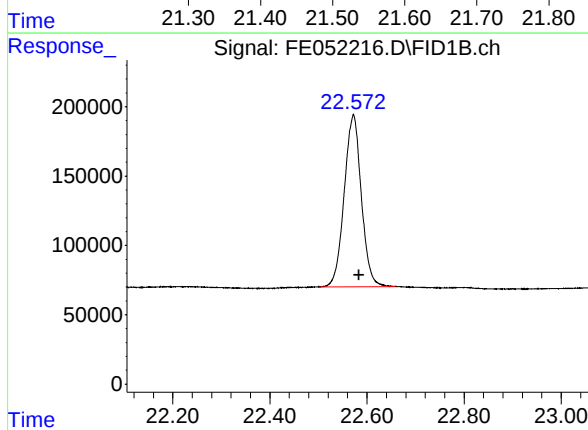
#21 n-Octatriacontane (C38)

R.T.: 21.540 min
Delta R.T.: -0.009 min
Response: 3213122
Conc: 43.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.572 min
Delta R.T.: -0.012 min
Response: 3039605
Conc: 40.77 ug/ml