

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021025AL\
 Data File : FE052319.D
 Signal(s) : FID1B.ch
 Acq On : 10 Feb 2025 16:27
 Operator : YP\AJ
 Sample : PB166637BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166637BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/11/2025
 Supervised By :Ankita Jodhani 02/11/2025

Integration File: autoint1.e
 Quant Time: Feb 11 03:59:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.314	4349485	35.142 ug/ml
Spiked Amount 50.000		Recovery =	70.28%
12) S 1-chlorooctadecane (S...	13.725	3611306	36.592 ug/ml
Spiked Amount 50.000		Recovery =	73.18%
Target Compounds			
1) T n-Nonane (C9)	3.781	3183338	34.081 ug/ml
2) T n-Decane (C10)	5.007	3405271	35.460 ug/ml
3) T A~Naphthalene (C11.7)	6.708	4079118	38.168 ug/ml
4) T n-Dodecane (C12)	7.136	3582667	36.146 ug/ml
5) T A~2-methylnaphthalene...	7.790	3810603	36.384 ug/ml
6) T n-Tetradecane (C14)	8.946	3730524	36.968 ug/ml
7) T n-Hexadecane (C16)	10.540	3792875	34.952 ug/ml
8) T n-Octadecane (C18)	11.975	3854222	33.928 ug/mlm
10) T n-Eicosane (C20)	13.279	3979692	35.265 ug/mlm
11) T n-Heneicosane (C21)	13.887	3842005	34.117 ug/ml
13) T n-Docosane (C22)	14.471	3819796	33.747 ug/ml
14) T n-Tetracosane (C24)	15.551	7878541	68.522 ug/ml
15) T n-Hexacosane (C26)	16.585	3693539	32.207 ug/mlm
16) T n-Octacosane (C28)	17.530	3591961	31.747 ug/ml
17) T n-Tricontane (C30)	18.415	3608101	31.664 ug/ml
18) T n-Dotriacontane (C32)	19.243	3525052	32.332 ug/ml
19) T n-Tetratriacontane (C34)	20.024	3409750	35.940 ug/ml
20) T n-Hexatriacontane (C36)	20.762	3246009	39.284 ug/ml
21) T n-Octatriacontane (C38)	21.576	3243280	43.656 ug/ml
22) T n-Tetracontane (C40)	22.621	3109912	41.713 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166637BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

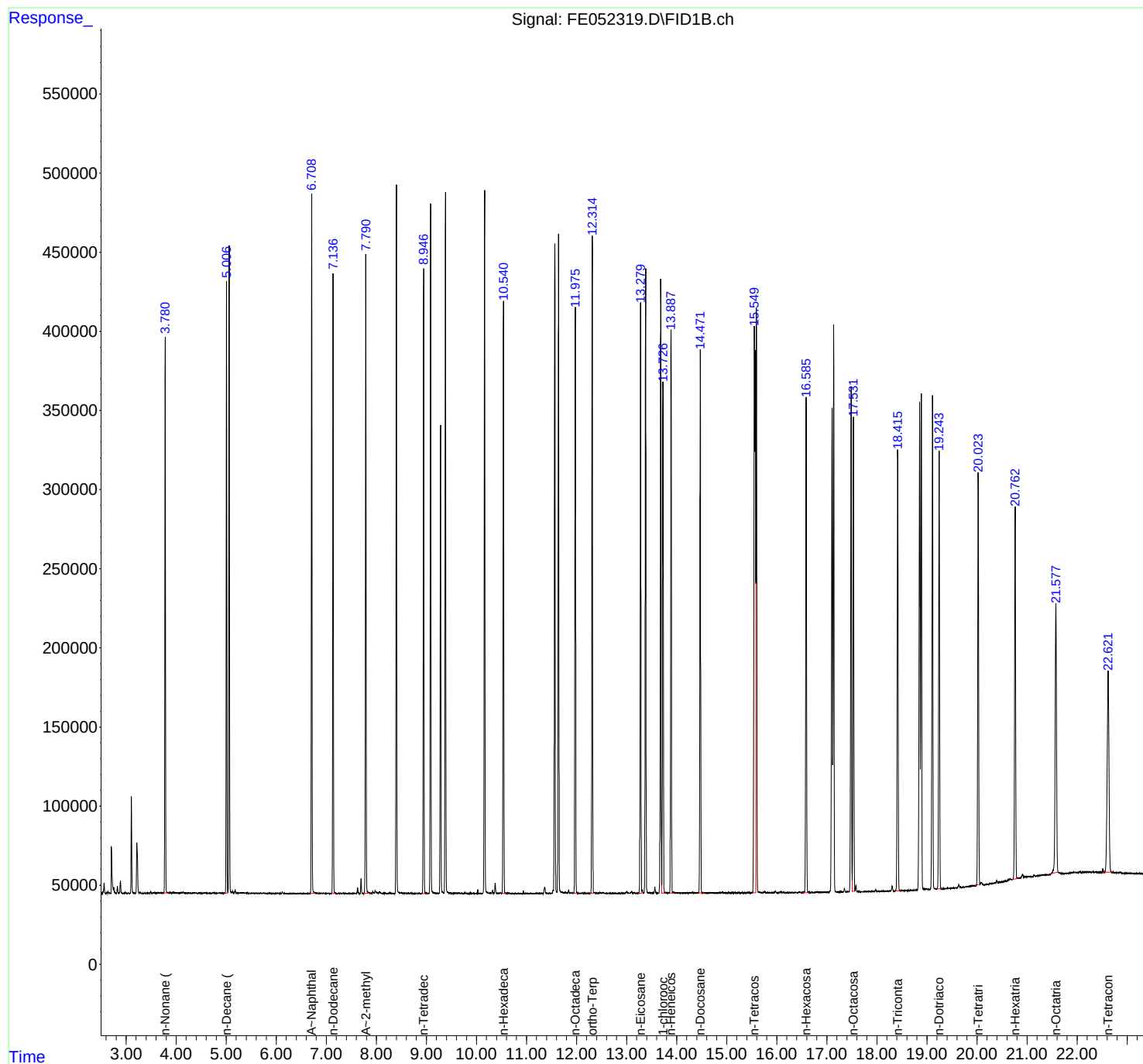
Instrument :
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PB166637BSD

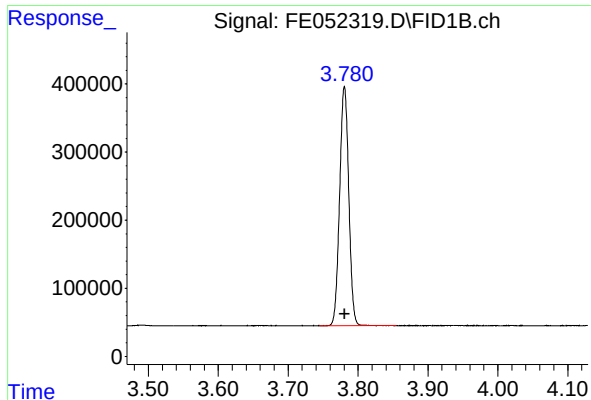
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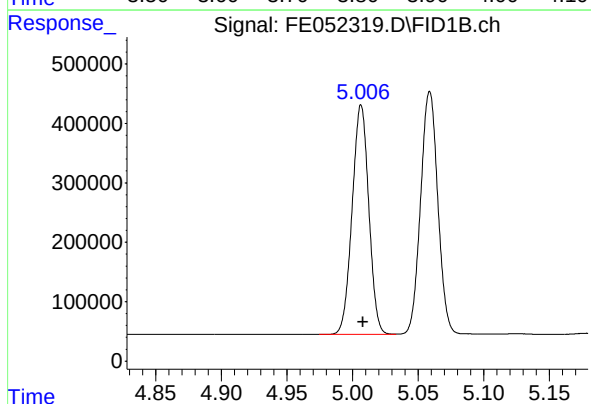
#1 n-Nonane (C9)

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 3183338
Conc: 34.08 ug/ml

Instrument :
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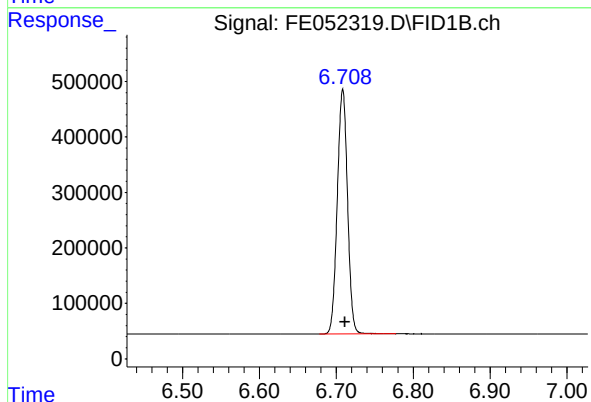
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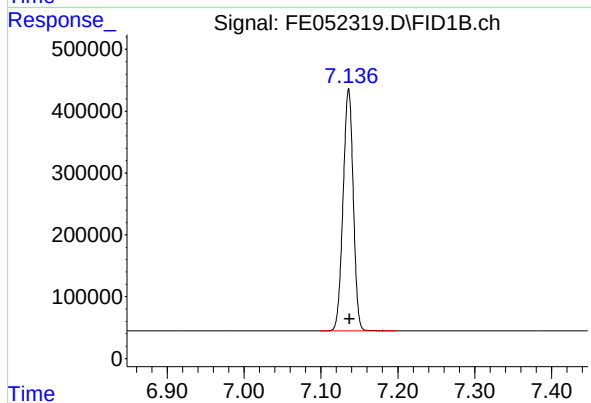
#2 n-Decane (C10)

R.T.: 5.007 min
Delta R.T.: -0.001 min
Response: 3405271
Conc: 35.46 ug/ml



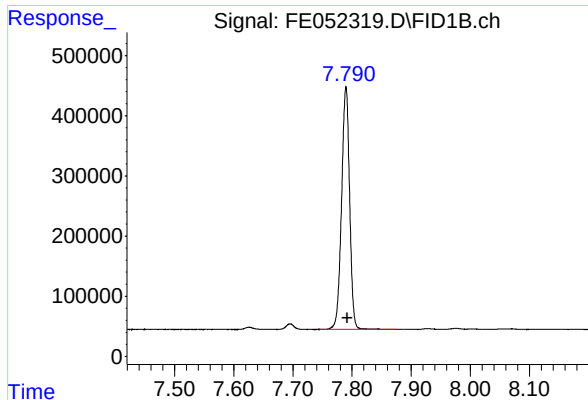
#3 A~Naphthalene (C11.7)

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 4079118
Conc: 38.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.136 min
Delta R.T.: -0.001 min
Response: 3582667
Conc: 36.15 ug/ml



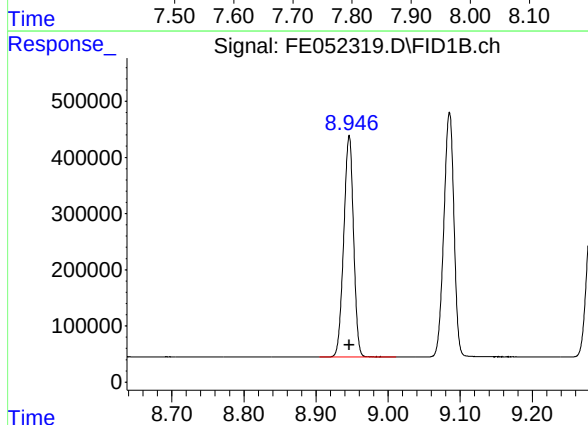
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.790 min
Delta R.T.: -0.002 min
Response: 3810603
Conc: 36.38 ug/ml

Instrument :
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PB166637BSD

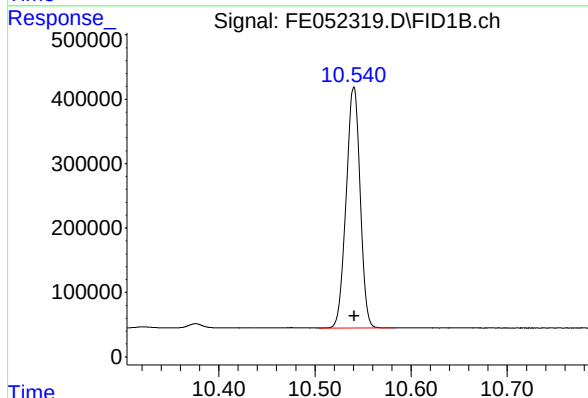
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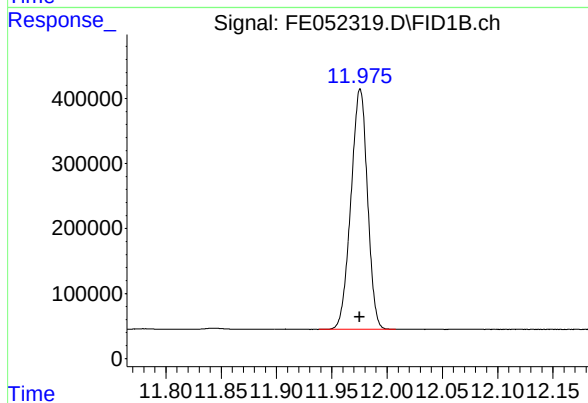
#6 n-Tetradecane (C14)

R.T.: 8.946 min
Delta R.T.: 0.000 min
Response: 3730524
Conc: 36.97 ug/ml



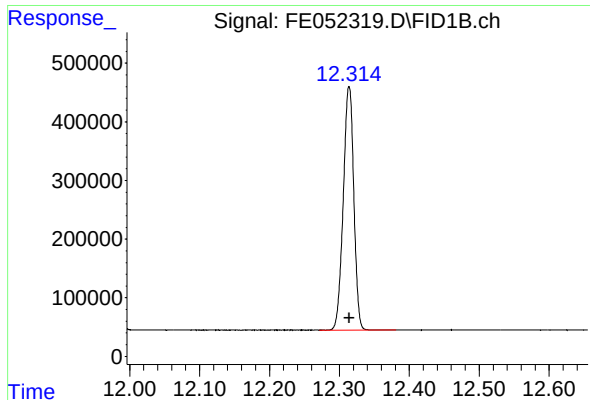
#7 n-Hexadecane (C16)

R.T.: 10.540 min
Delta R.T.: 0.000 min
Response: 3792875
Conc: 34.95 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.975 min
Delta R.T.: 0.000 min
Response: 3854222
Conc: 33.93 ug/ml m



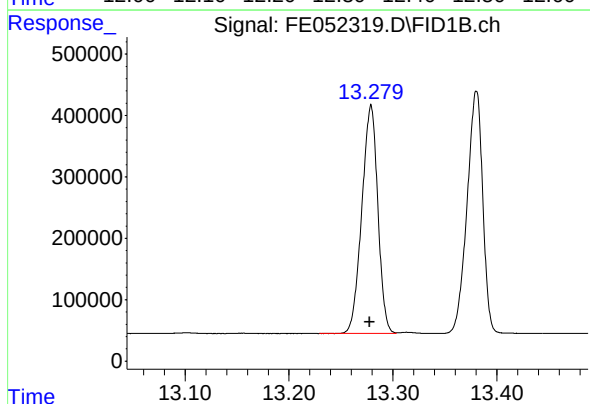
#9 ortho-Terphenyl (SURR)

R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 4349485
Conc: 35.14 ug/ml

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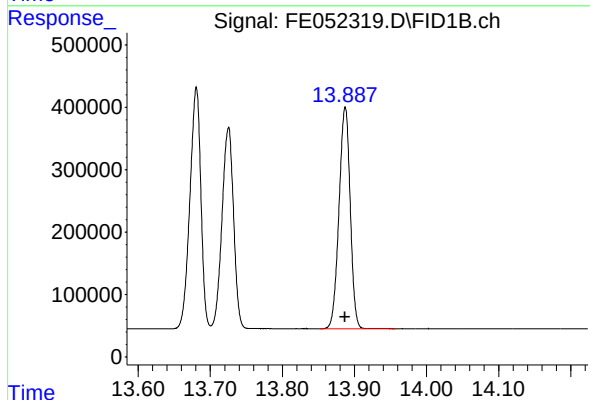
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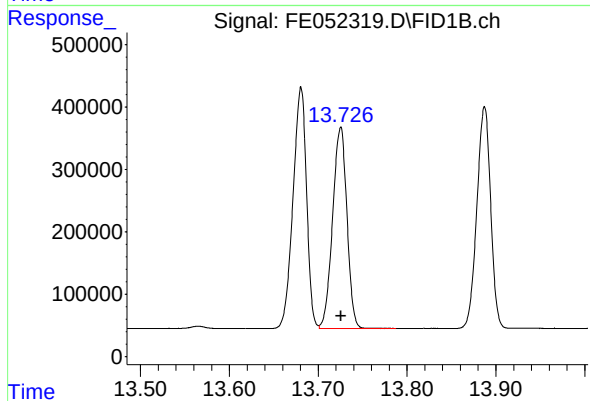
#10 n-Eicosane (C20)

R.T.: 13.279 min
Delta R.T.: 0.001 min
Response: 3979692
Conc: 35.26 ug/ml



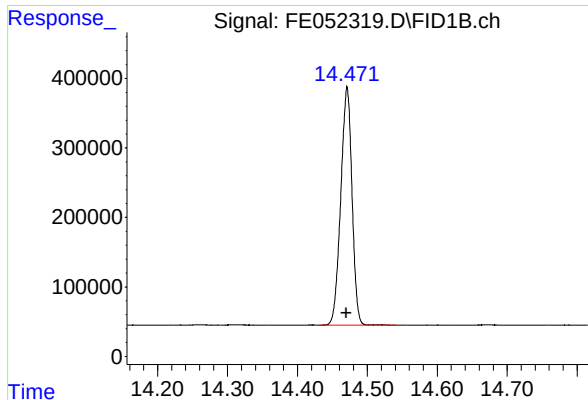
#11 n-Heneicosane (C21)

R.T.: 13.887 min
Delta R.T.: 0.000 min
Response: 3842005
Conc: 34.12 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.725 min
Delta R.T.: 0.000 min
Response: 3611306
Conc: 36.59 ug/ml



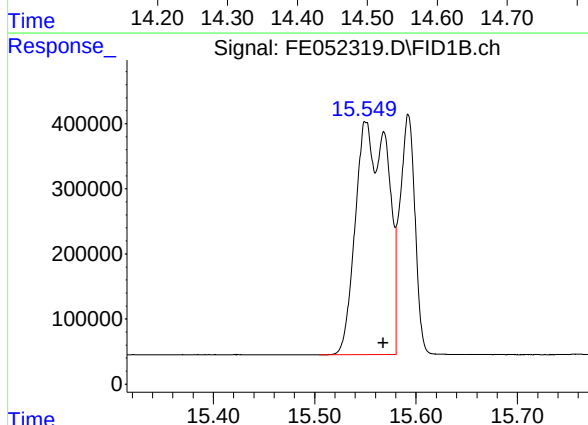
#13 n-Docosane (C22)

R.T.: 14.471 min
Delta R.T.: 0.001 min
Response: 3819796
Conc: 33.75 ug/ml

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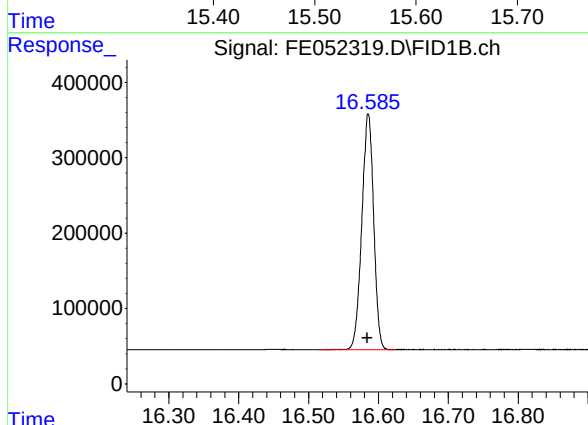
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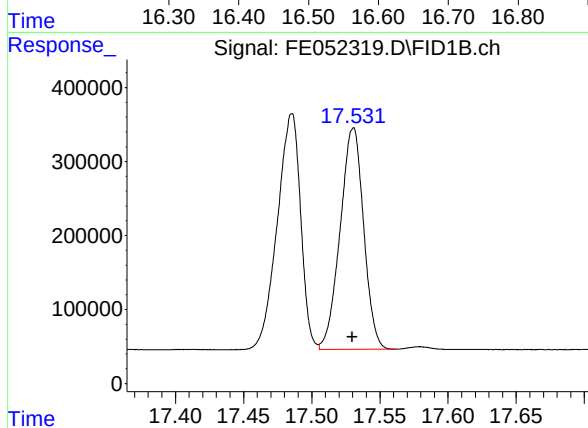
#14 n-Tetracosane (C24)

R.T.: 15.551 min
Delta R.T.: -0.017 min
Response: 7878541
Conc: 68.52 ug/ml



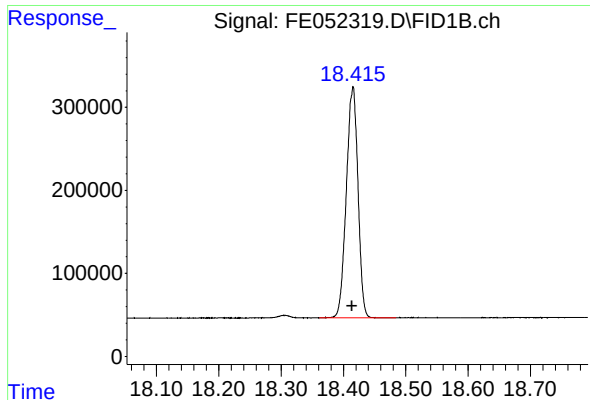
#15 n-Hexacosane (C26)

R.T.: 16.585 min
Delta R.T.: 0.000 min
Response: 3693539
Conc: 32.21 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.530 min
Delta R.T.: 0.000 min
Response: 3591961
Conc: 31.75 ug/ml



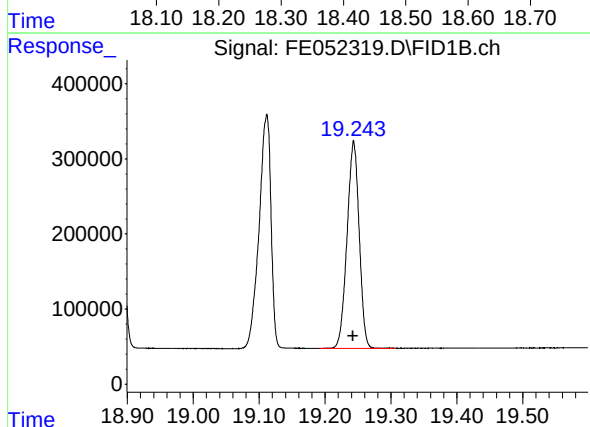
#17 n-Tricontane (C30)

R.T.: 18.415 min
Delta R.T.: 0.001 min
Response: 3608101
Conc: 31.66 ug/ml

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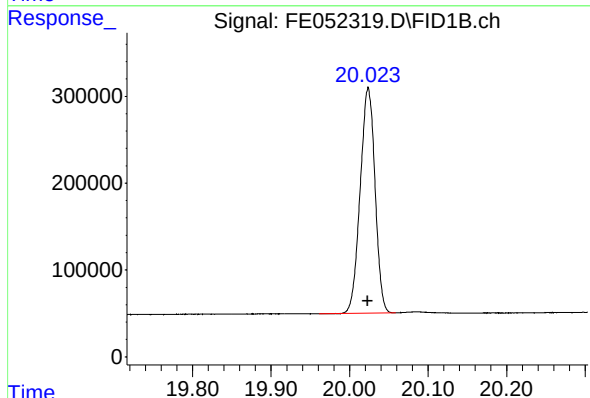
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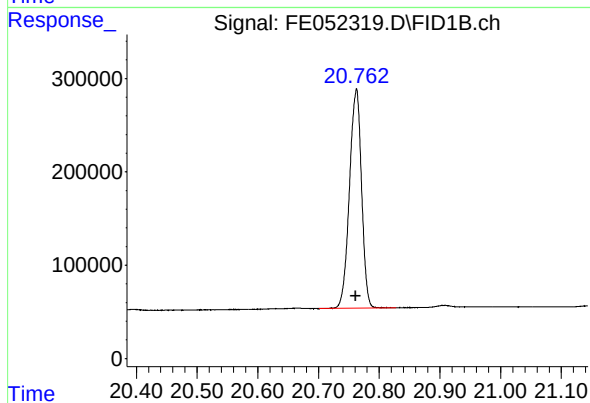
#18 n-Dotriacontane (C32)

R.T.: 19.243 min
Delta R.T.: 0.000 min
Response: 3525052
Conc: 32.33 ug/ml



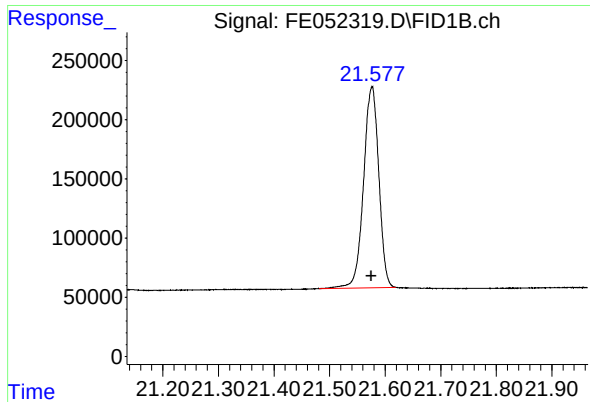
#19 n-Tetratriacontane (C34)

R.T.: 20.024 min
Delta R.T.: 0.000 min
Response: 3409750
Conc: 35.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.762 min
Delta R.T.: 0.001 min
Response: 3246009
Conc: 39.28 ug/ml



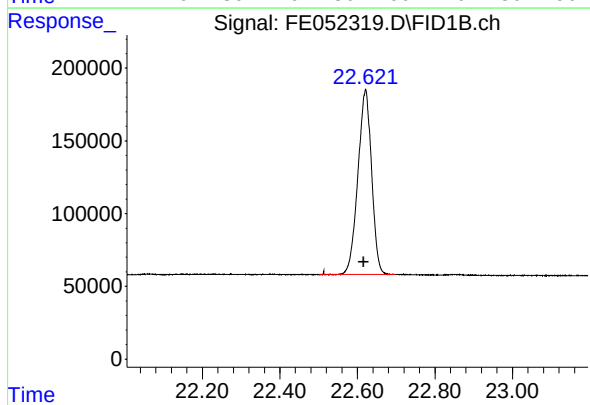
#21 n-Octatriacontane (C38)

R.T.: 21.576 min
Delta R.T.: 0.000 min
Response: 3243280
Conc: 43.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.621 min
Delta R.T.: 0.005 min
Response: 3109912
Conc: 41.71 ug/ml