

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061024AL\
 Data File : FE048636.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jun 2024 19:27
 Operator : YP\AJ
 Sample : P2795-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-1-(0-5)-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/11/2024
 Supervised By :Ankita Jodhani 06/11/2024

Integration File: autoint1.e
 Quant Time: Jun 10 23:30:01 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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.947	6082180	42.356 ug/ml
Spiked Amount 50.000		Recovery =	84.71%
12) S 1-chlorooctadecane (S...	13.382	5052598	46.379 ug/ml
Spiked Amount 50.000		Recovery =	92.76%
Target Compounds			
1) T n-Nonane (C9)	3.331	4545070	30.401 ug/ml
2) T n-Decane (C10)	4.582	5255044	34.801 ug/ml
3) T A~Naphthalene (C11.7)	6.287	5875586	39.460 ug/ml
4) T n-Dodecane (C12)	6.747	5465270	36.921 ug/ml
5) T A~2-methylnaphthalene...	7.384	5950217	42.914 ug/ml
6) T n-Tetradecane (C14)	8.577	5743178	40.492 ug/ml
7) T n-Hexadecane (C16)	10.183	5733377	40.668 ug/ml
8) T n-Octadecane (C18)	11.627	5641354	40.619 ug/ml
10) T n-Eicosane (C20)	12.936	5613904	42.422 ug/ml
11) T n-Heneicosane (C21)	13.548	5406532	41.740 ug/ml
13) T n-Docosane (C22)	14.134	5403451	41.932 ug/ml
14) T n-Tetracosane (C24)	15.229	9896455	76.391 ug/ml
15) T n-Hexacosane (C26)	16.257	5364553	41.391 ug/ml
16) T n-Octacosane (C28)	17.204	5600034	43.326 ug/ml
17) T n-Tricontane (C30)	18.092	5476744	40.883 ug/ml
18) T n-Dotriacontane (C32)	18.925	5560658	40.965 ug/mlm
19) T n-Tetratriacontane (C34)	19.708	5613615	41.035 ug/ml
20) T n-Hexatriacontane (C36)	20.446	5433057	39.968 ug/ml
21) T n-Octatriacontane (C38)	21.184	5403539	39.623 ug/ml
22) T n-Tetracontane (C40)	22.102	5065917	36.999 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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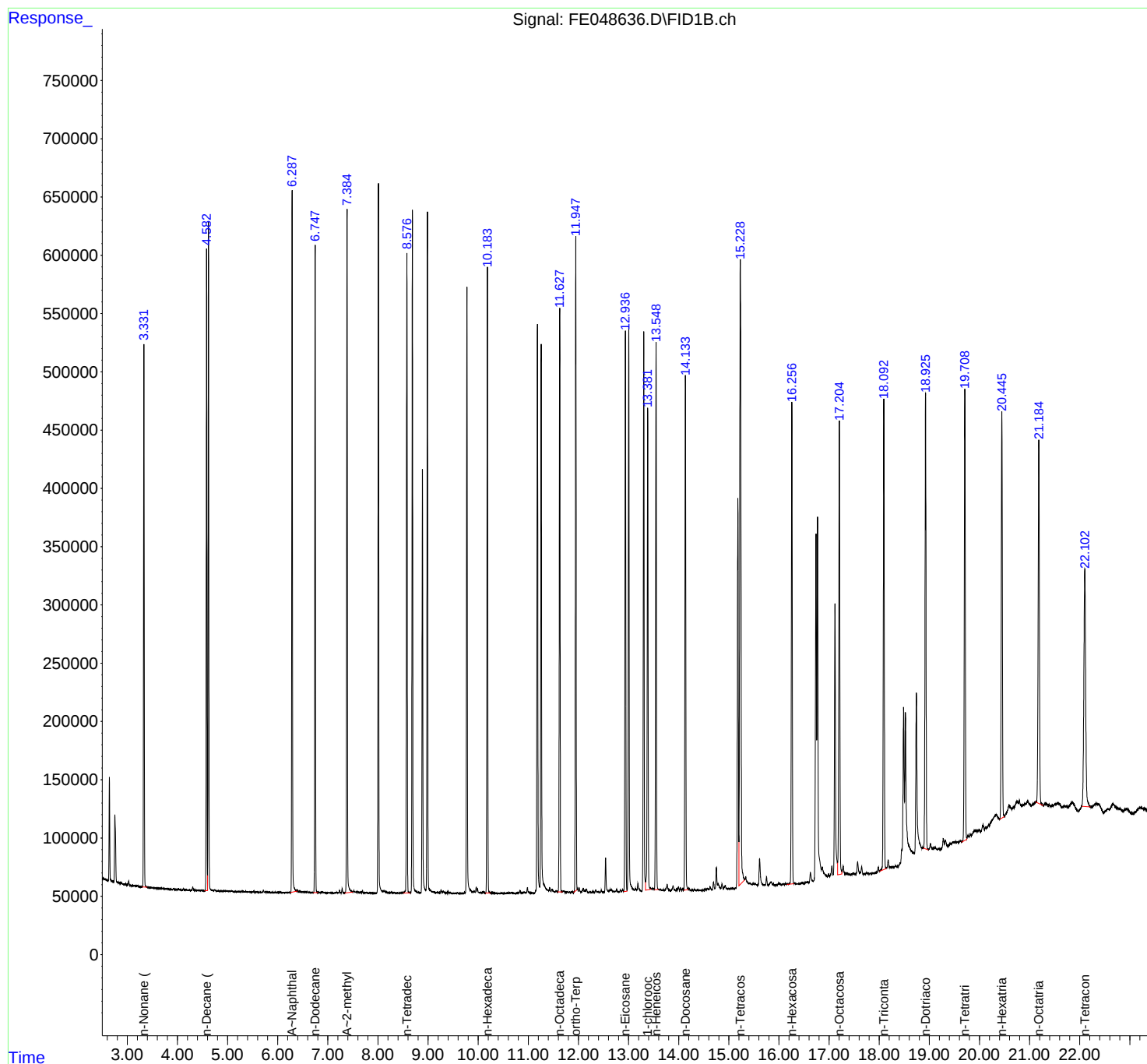
Instrument :
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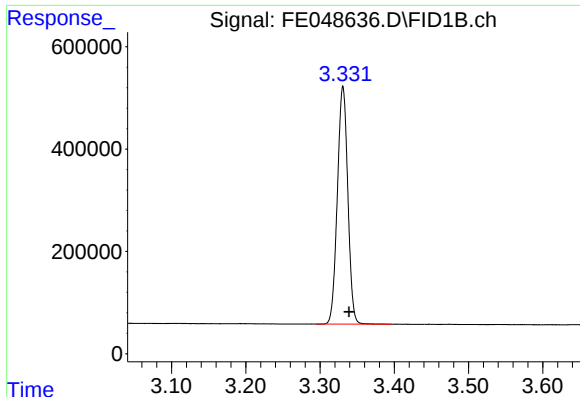
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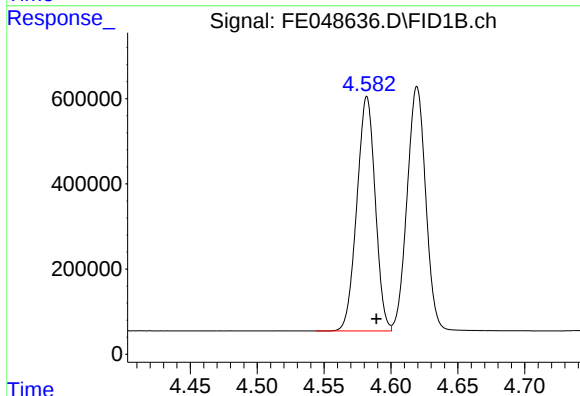
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.008 min
Response: 4545070
Conc: 30.40 ug/ml

Instrument :
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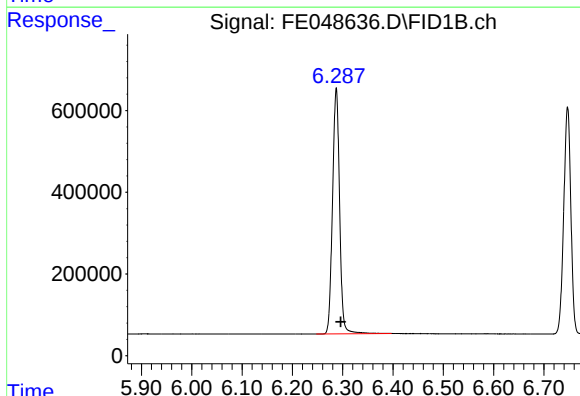
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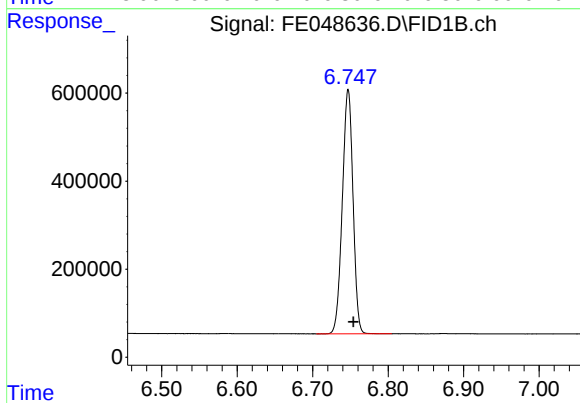
#2 n-Decane (C10)

R.T.: 4.582 min
Delta R.T.: -0.007 min
Response: 5255044
Conc: 34.80 ug/ml



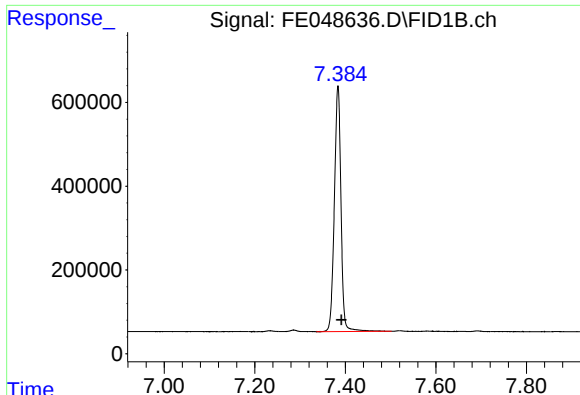
#3 A~Naphthalene (C11.7)

R.T.: 6.287 min
Delta R.T.: -0.009 min
Response: 5875586
Conc: 39.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.747 min
Delta R.T.: -0.007 min
Response: 5465270
Conc: 36.92 ug/ml



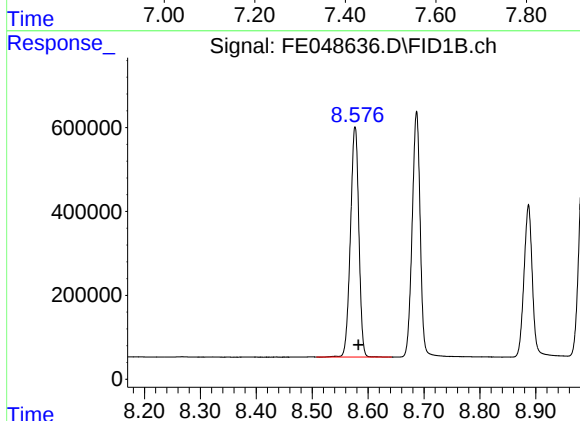
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.384 min
Delta R.T.: -0.008 min
Response: 5950217
Conc: 42.91 ug/ml

Instrument :
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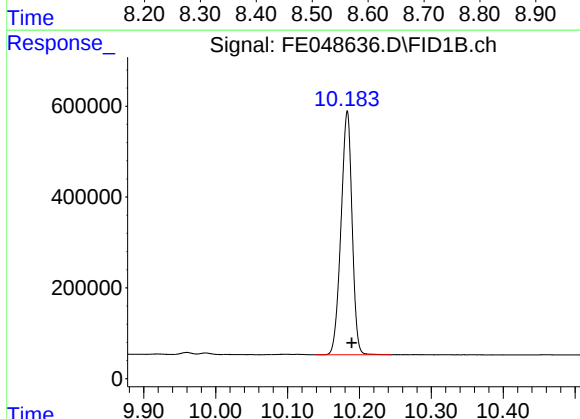
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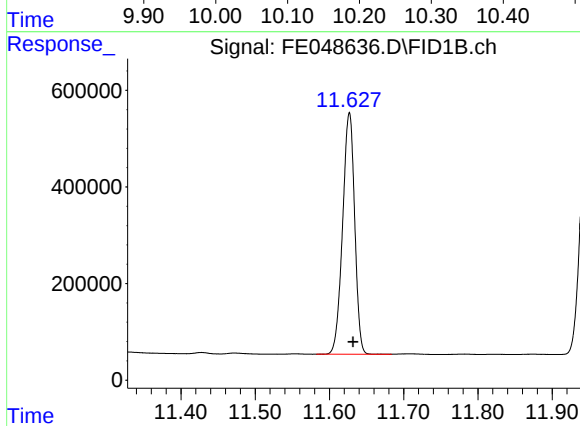
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: -0.006 min
Response: 5743178
Conc: 40.49 ug/ml



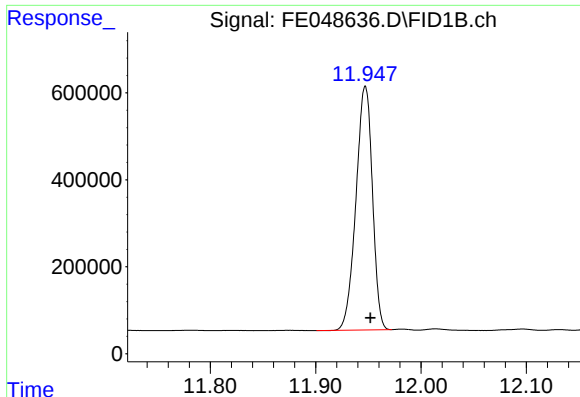
#7 n-Hexadecane (C16)

R.T.: 10.183 min
Delta R.T.: -0.006 min
Response: 5733377
Conc: 40.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.627 min
Delta R.T.: -0.005 min
Response: 5641354
Conc: 40.62 ug/ml



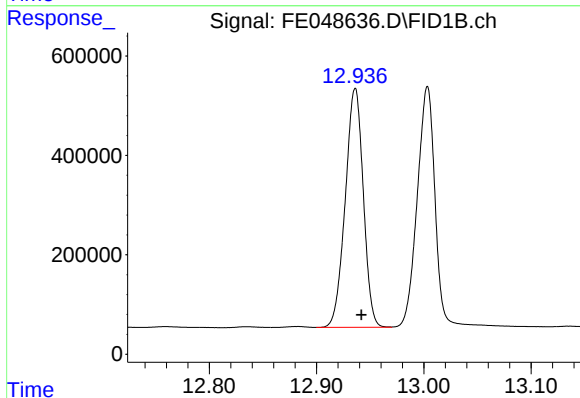
#9 ortho-Terphenyl (SURR)

R.T.: 11.947 min
Delta R.T.: -0.005 min
Response: 6082180
Conc: 42.36 ug/ml

Instrument :
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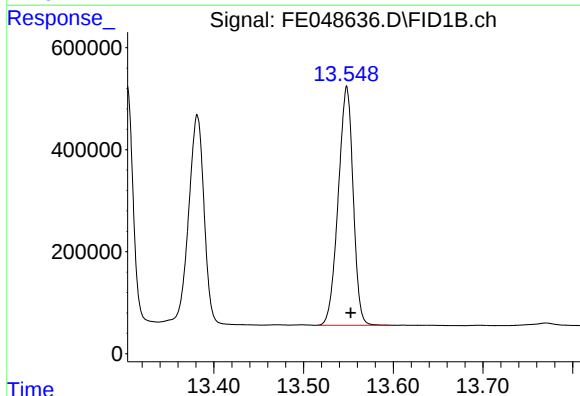
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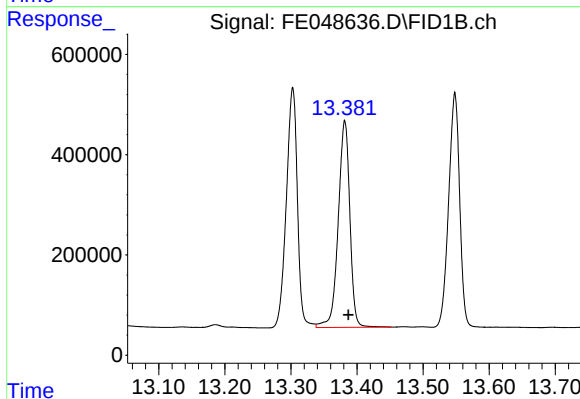
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.006 min
Response: 5613904
Conc: 42.42 ug/ml



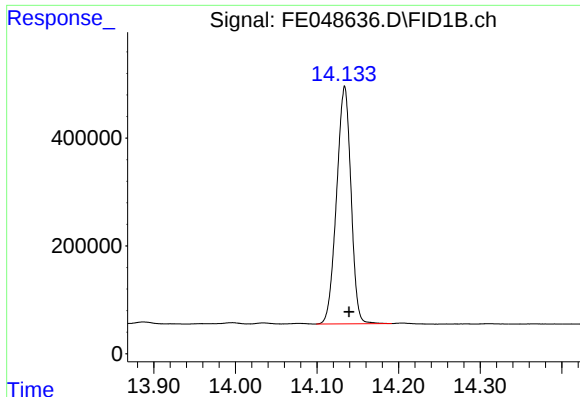
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: -0.005 min
Response: 5406532
Conc: 41.74 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.382 min
Delta R.T.: -0.005 min
Response: 5052598
Conc: 46.38 ug/ml



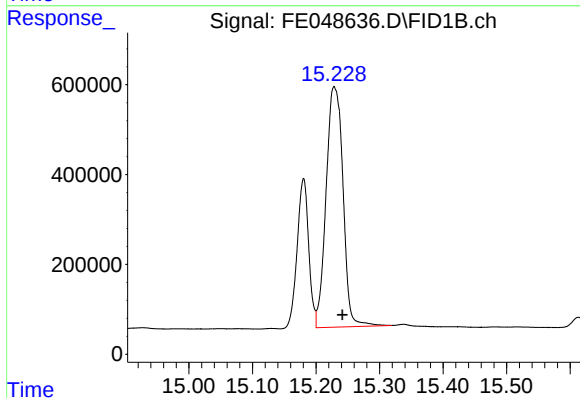
#13 n-Docosane (C22)

R.T.: 14.134 min
Delta R.T.: -0.006 min
Response: 5403451
Conc: 41.93 ug/ml

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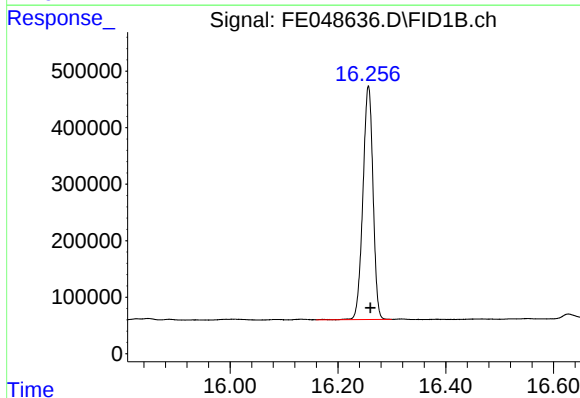
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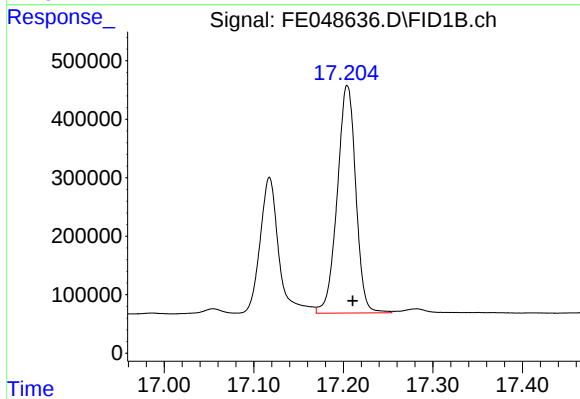
#14 n-Tetracosane (C24)

R.T.: 15.229 min
Delta R.T.: -0.013 min
Response: 9896455
Conc: 76.39 ug/ml



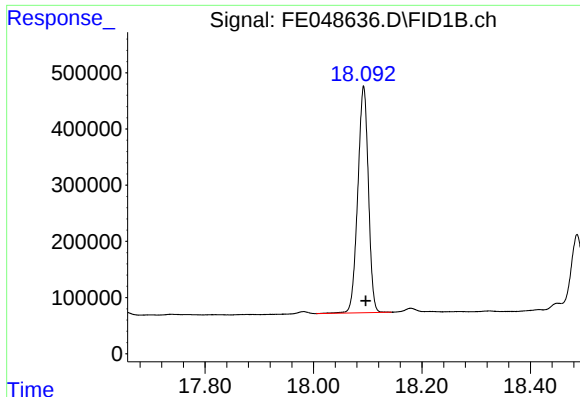
#15 n-Hexacosane (C26)

R.T.: 16.257 min
Delta R.T.: -0.004 min
Response: 5364553
Conc: 41.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.204 min
Delta R.T.: -0.006 min
Response: 5600034
Conc: 43.33 ug/ml



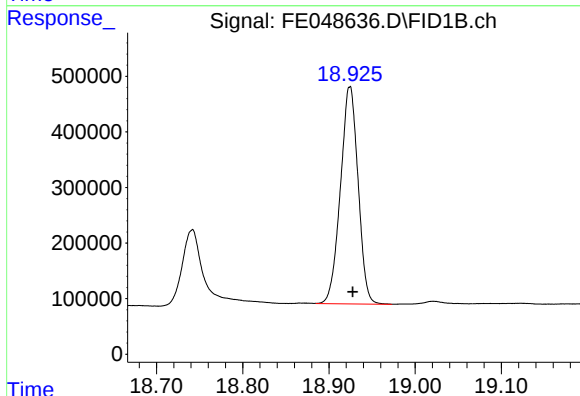
#17 n-Tricontane (C30)

R.T.: 18.092 min
Delta R.T.: -0.004 min
Response: 5476744
Conc: 40.88 ug/ml

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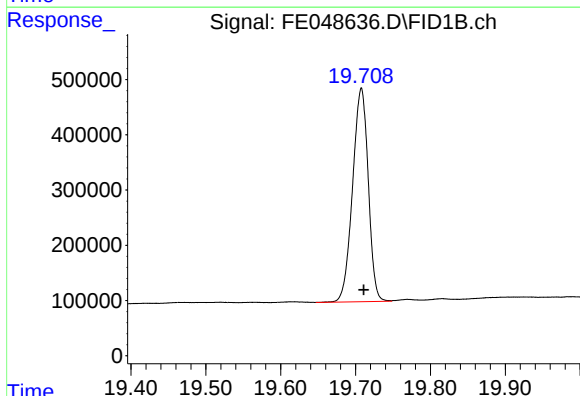
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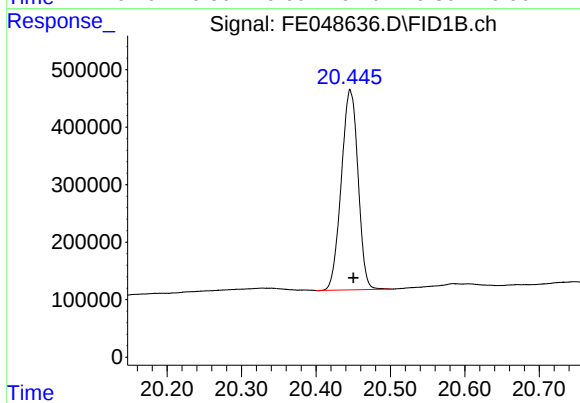
#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.003 min
Response: 5560658
Conc: 40.97 ug/ml m



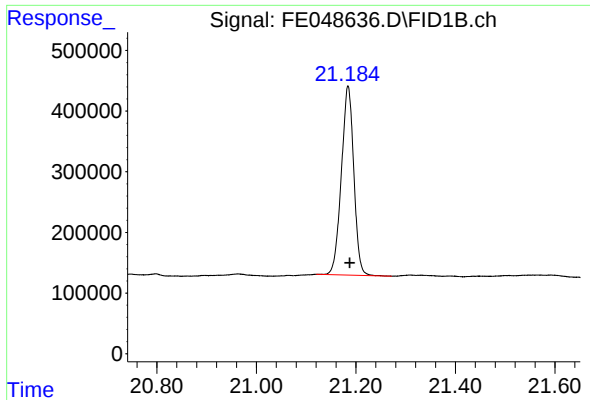
#19 n-Tetratriacontane (C34)

R.T.: 19.708 min
Delta R.T.: -0.003 min
Response: 5613615
Conc: 41.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.004 min
Response: 5433057
Conc: 39.97 ug/ml



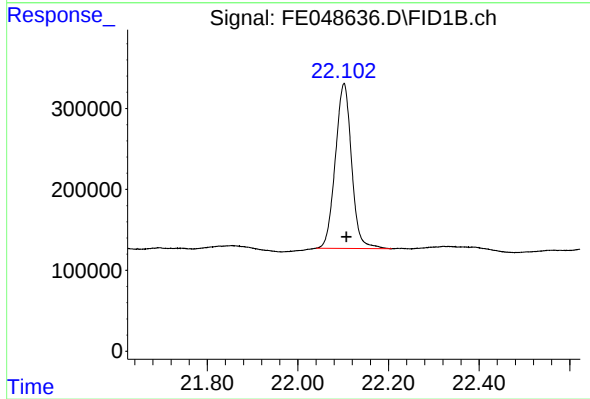
#21 n-Octatriacontane (C38)

R.T.: 21.184 min
Delta R.T.: -0.003 min
Response: 5403539
Conc: 39.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.102 min
Delta R.T.: -0.005 min
Response: 5065917
Conc: 37.00 ug/ml