

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052366.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 14:07
 Operator : YP\AJ
 Sample : PB166699BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166699BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File: autoint1.e
 Quant Time: Feb 13 00:25:56 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)	12.327	4478135	36.181 ug/ml
Spiked Amount 50.000		Recovery =	72.36%
12) S 1-chlorooctadecane (S...	13.738	3714433	37.637 ug/ml
Spiked Amount 50.000		Recovery =	75.27%
Target Compounds			
1) T n-Nonane (C9)	3.799	3124623	33.453 ug/ml
2) T n-Decane (C10)	5.023	3433435	35.753 ug/ml
3) T A~Naphthalene (C11.7)	6.725	4176965	39.084 ug/ml
4) T n-Dodecane (C12)	7.150	3688996	37.219 ug/ml
5) T A~2-methylnaphthalene...	7.805	3923771	37.465 ug/ml
6) T n-Tetradecane (C14)	8.960	3857029	38.221 ug/ml
7) T n-Hexadecane (C16)	10.553	3923655	36.158 ug/ml
8) T n-Octadecane (C18)	11.988	3975573	34.996 ug/ml
10) T n-Eicosane (C20)	13.291	4079450	36.149 ug/mlm
11) T n-Heneicosane (C21)	13.899	3925478	34.858 ug/ml
13) T n-Docosane (C22)	14.483	3890611	34.373 ug/ml
14) T n-Tetracosane (C24)	15.566	7886548	68.592 ug/ml
15) T n-Hexacosane (C26)	16.597	3719437	32.433 ug/mlm
16) T n-Octacosane (C28)	17.541	3626368	32.051 ug/ml
17) T n-Tricontane (C30)	18.426	3650427	32.036 ug/ml
18) T n-Dotriacontane (C32)	19.255	3581244	32.848 ug/ml
19) T n-Tetratriacontane (C34)	20.035	3516760	37.068 ug/ml
20) T n-Hexatriacontane (C36)	20.772	3455783	41.823 ug/ml
21) T n-Octatriacontane (C38)	21.589	3604378	48.517 ug/ml
22) T n-Tetracontane (C40)	22.640	3640678	48.832 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166699BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

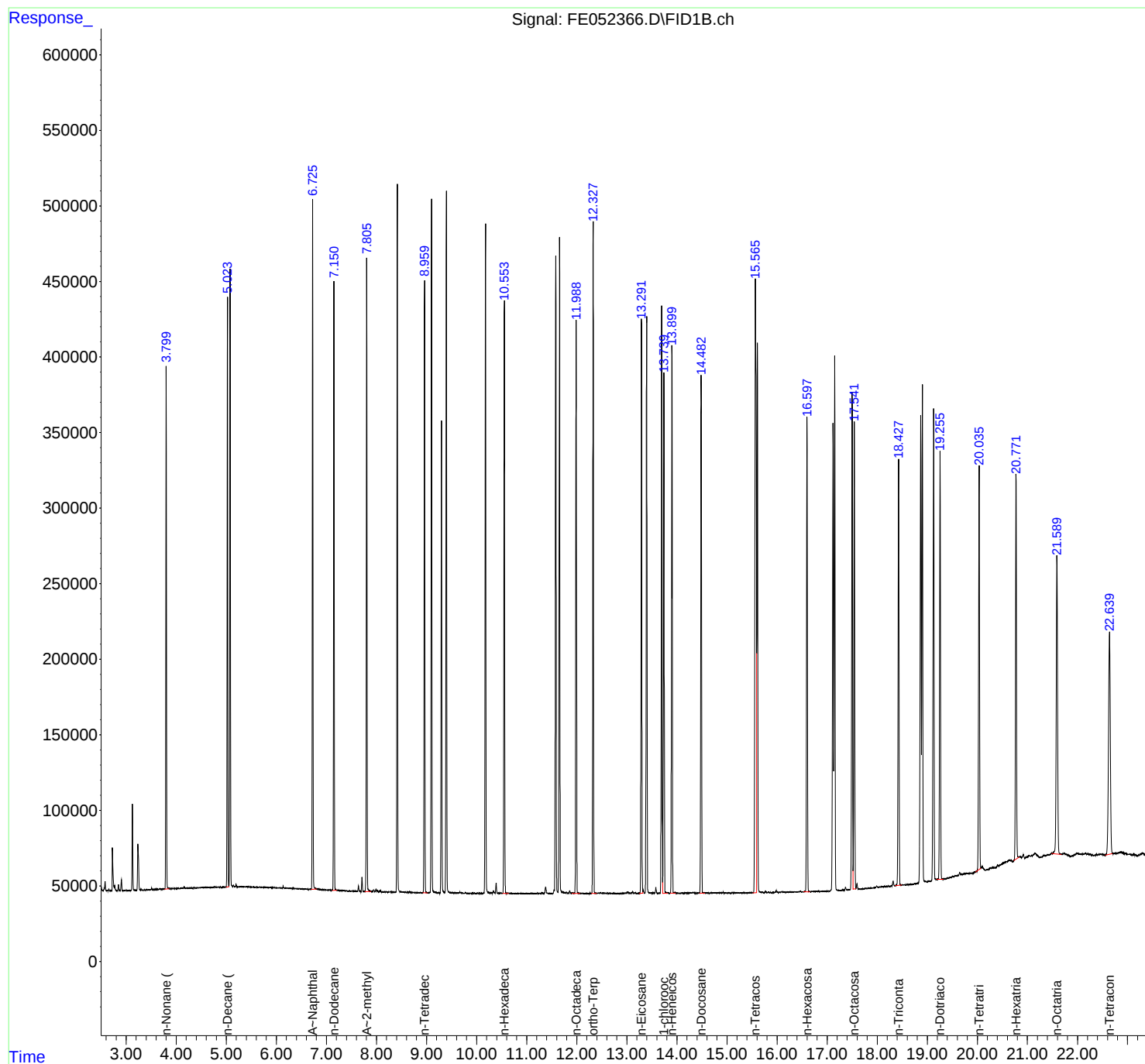
Instrument :
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PB166699BSD

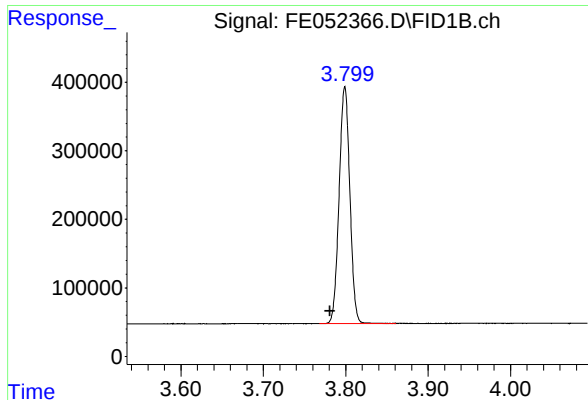
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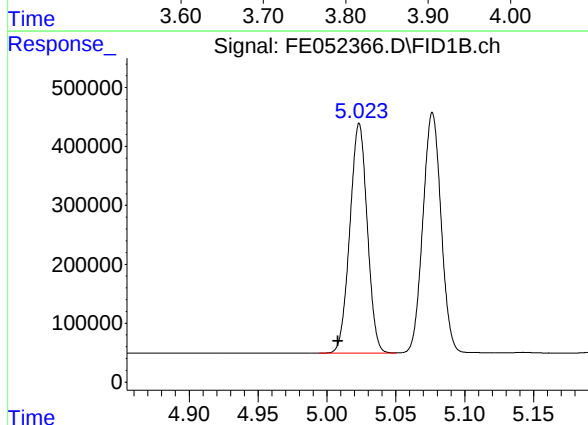
#1 n-Nonane (C9)

R.T.: 3.799 min
Delta R.T.: 0.018 min
Response: 3124623
Conc: 33.45 ug/ml

Instrument :
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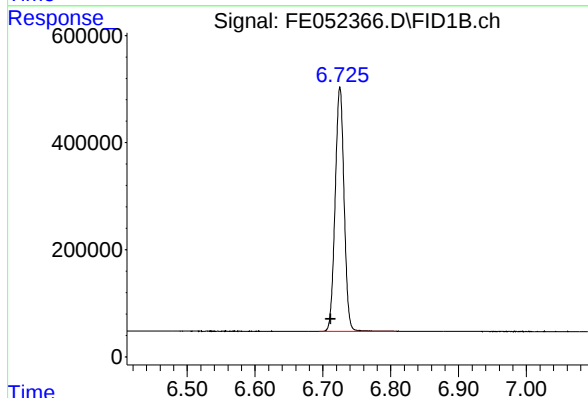
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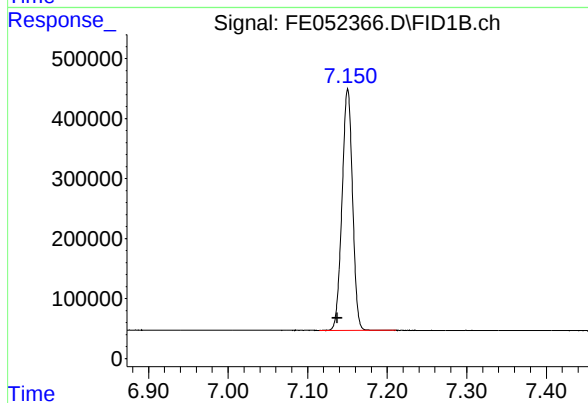
#2 n-Decane (C10)

R.T.: 5.023 min
Delta R.T.: 0.016 min
Response: 3433435
Conc: 35.75 ug/ml



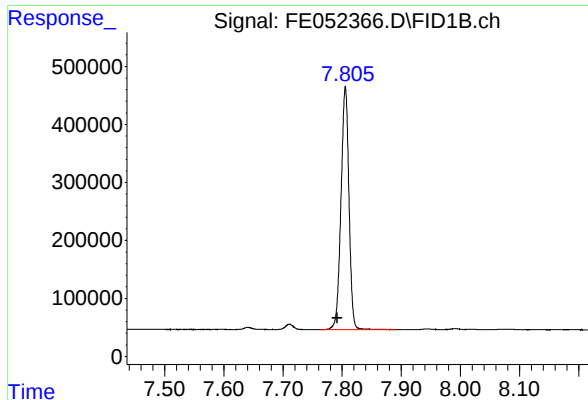
#3 A~Naphthalene (C11.7)

R.T.: 6.725 min
Delta R.T.: 0.014 min
Response: 4176965
Conc: 39.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.150 min
Delta R.T.: 0.013 min
Response: 3688996
Conc: 37.22 ug/ml



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

R.T.: 7.805 min
Delta R.T.: 0.014 min
Response: 3923771
Conc: 37.46 ug/ml

Instrument :

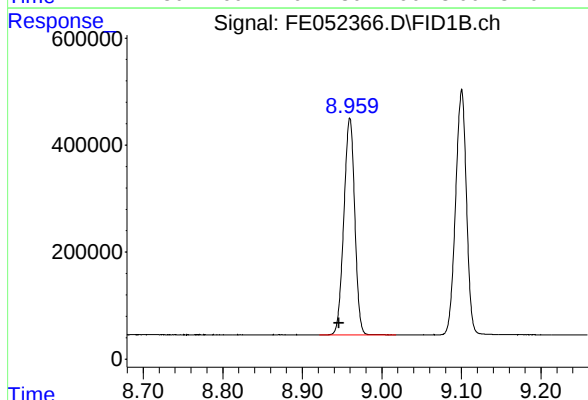
FID_E

ClientSampleId :

PB166699BSD

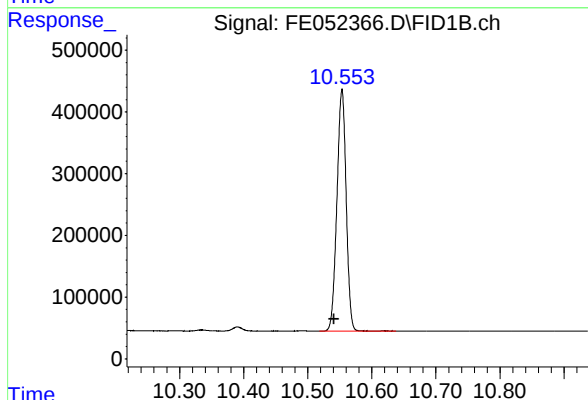
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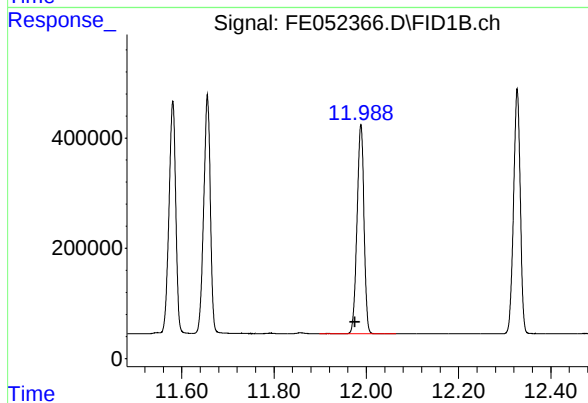
#6 n-Tetradecane (C14)

R.T.: 8.960 min
Delta R.T.: 0.014 min
Response: 3857029
Conc: 38.22 ug/ml



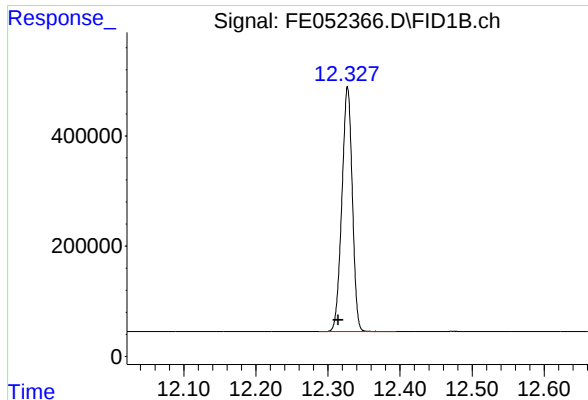
#7 n-Hexadecane (C16)

R.T.: 10.553 min
Delta R.T.: 0.012 min
Response: 3923655
Conc: 36.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.988 min
Delta R.T.: 0.013 min
Response: 3975573
Conc: 35.00 ug/ml



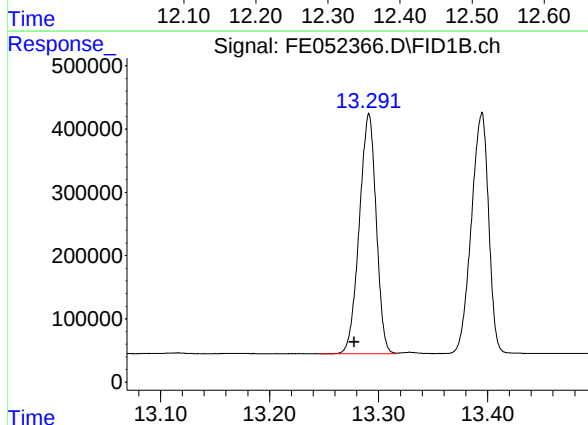
#9 ortho-Terphenyl (SURR)

R.T.: 12.327 min
Delta R.T.: 0.013 min
Response: 4478135
Conc: 36.18 ug/ml

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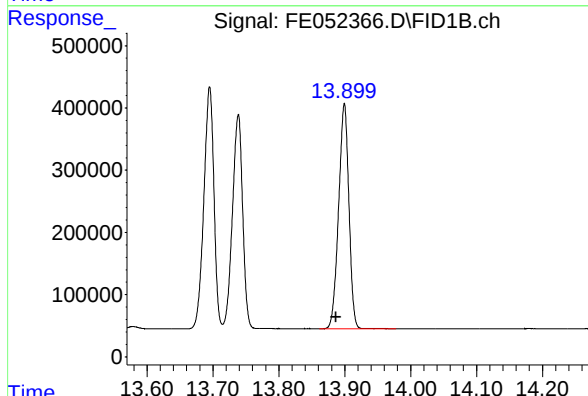
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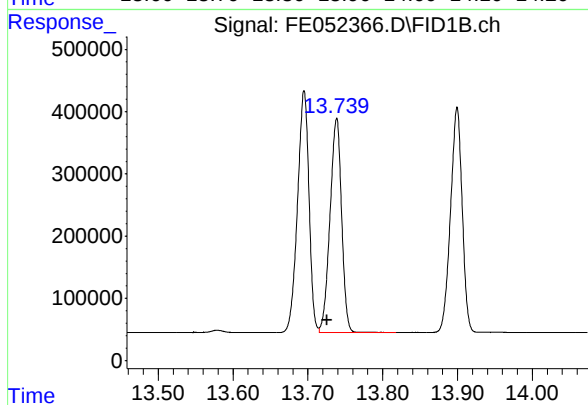
#10 n-Eicosane (C20)

R.T.: 13.291 min
Delta R.T.: 0.013 min
Response: 4079450
Conc: 36.15 ug/ml



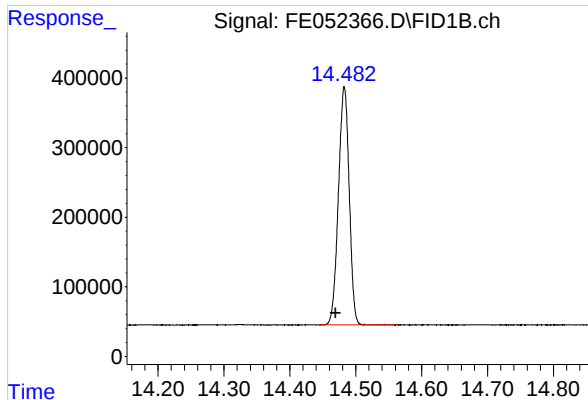
#11 n-Heneicosane (C21)

R.T.: 13.899 min
Delta R.T.: 0.013 min
Response: 3925478
Conc: 34.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.738 min
Delta R.T.: 0.013 min
Response: 3714433
Conc: 37.64 ug/ml



#13 n-Docosane (C22)

R.T.: 14.483 min
Delta R.T.: 0.013 min
Response: 3890611
Conc: 34.37 ug/ml

Instrument :

FID_E

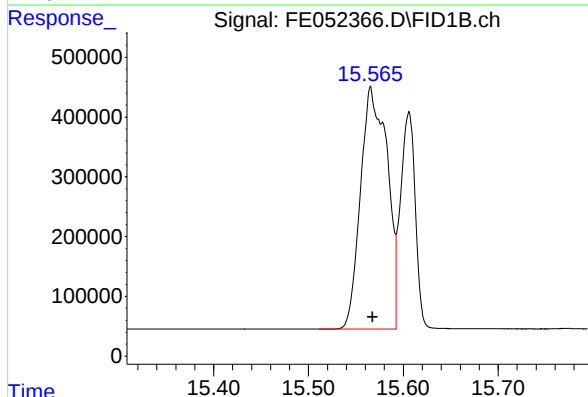
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PB166699BSD

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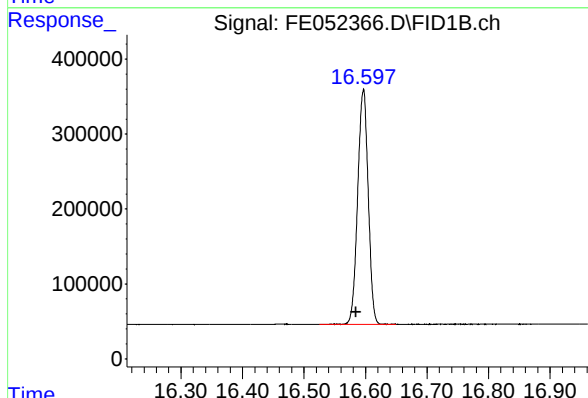
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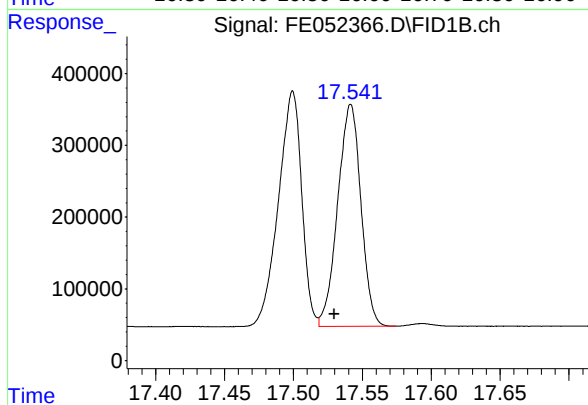
#14 n-Tetracosane (C24)

R.T.: 15.566 min
Delta R.T.: -0.002 min
Response: 7886548
Conc: 68.59 ug/ml



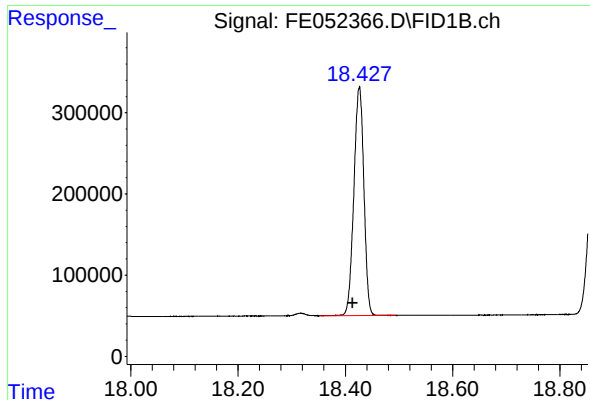
#15 n-Hexacosane (C26)

R.T.: 16.597 min
Delta R.T.: 0.012 min
Response: 3719437
Conc: 32.43 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.541 min
Delta R.T.: 0.012 min
Response: 3626368
Conc: 32.05 ug/ml



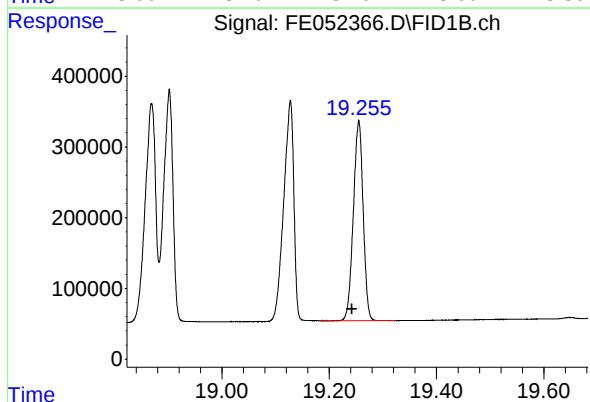
#17 n-Tricontane (C30)

R.T.: 18.426 min
Delta R.T.: 0.012 min
Response: 3650427
Conc: 32.04 ug/ml

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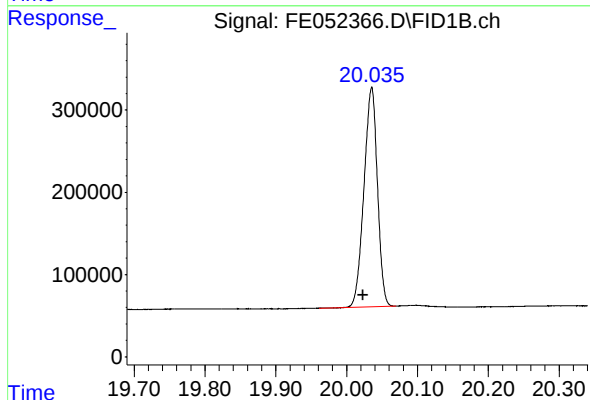
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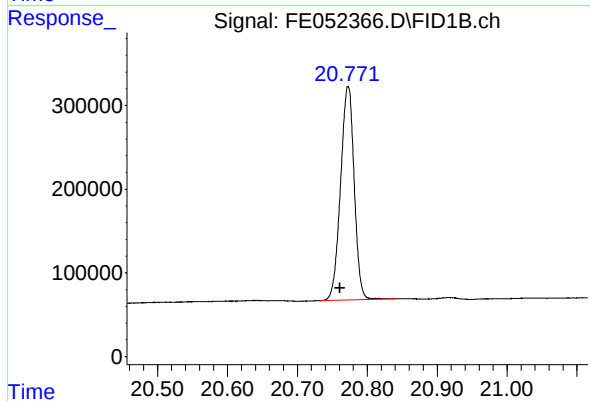
#18 n-Dotriacontane (C32)

R.T.: 19.255 min
Delta R.T.: 0.012 min
Response: 3581244
Conc: 32.85 ug/ml



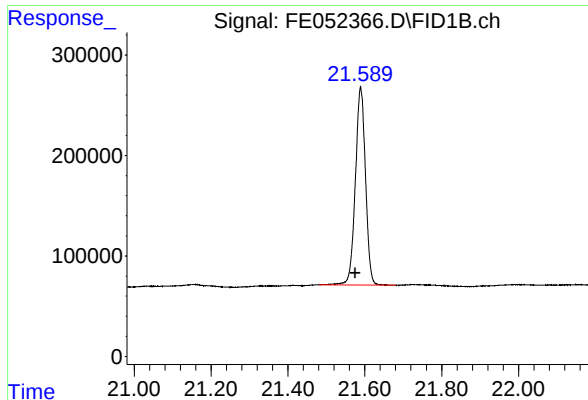
#19 n-Tetratriacontane (C34)

R.T.: 20.035 min
Delta R.T.: 0.012 min
Response: 3516760
Conc: 37.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.772 min
Delta R.T.: 0.011 min
Response: 3455783
Conc: 41.82 ug/ml



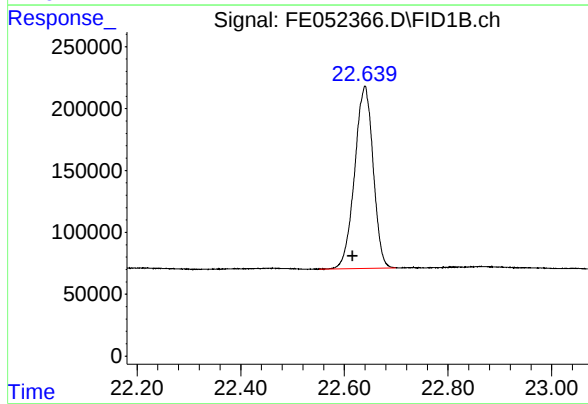
#21 n-Octatriacontane (C38)

R.T.: 21.589 min
Delta R.T.: 0.014 min
Response: 3604378
Conc: 48.52 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.640 min
Delta R.T.: 0.024 min
Response: 3640678
Conc: 48.83 ug/ml