

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102425AL\
 Data File : FE056490.D
 Signal(s) : FID1B.ch
 Acq On : 24 Oct 2025 14:28
 Operator : YP\AJ
 Sample : PB170247BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB170247BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/27/2025
 Supervised By :mohammad ahmed 10/28/2025

Integration File: autoint1.e
 Quant Time: Oct 25 00:30:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 24 08:17:58 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)	12.003	6901859	33.784 ug/ml
Spiked Amount 50.000		Recovery =	67.57%
12) S 1-chlorooctadecane (S...	13.441	5479386	35.911 ug/ml
Spiked Amount 50.000		Recovery =	71.82%
Target Compounds			
1) T n-Nonane (C9)	3.366	4874678	29.906 ug/ml
2) T n-Decane (C10)	4.614	5003075	30.423 ug/ml
3) T A~Naphthalene (C11.7)	6.323	6089140	34.445 ug/ml
4) T n-Dodecane (C12)	6.782	5238559	31.222 ug/ml
5) T A~2-methylnaphthalene...	7.423	5593660	33.571 ug/ml
6) T n-Tetradecane (C14)	8.618	5534017	33.311 ug/ml
7) T n-Hexadecane (C16)	10.231	5660949	32.356 ug/ml
8) T n-Octadecane (C18)	11.680	5741929	31.478 ug/ml
10) T n-Eicosane (C20)	12.995	5762002	32.362 ug/ml
11) T n-Heneicosane (C21)	13.608	5631052	32.095 ug/ml
13) T n-Docosane (C22)	14.196	5542450	31.311 ug/ml
14) T n-Tetracosane (C24)	15.299	11411517	62.722 ug/ml
15) T n-Hexacosane (C26)	16.327	5234770	29.162 ug/ml
16) T n-Octacosane (C28)	17.278	5112754	28.740 ug/ml
17) T n-Tricontane (C30)	18.169	4807292	26.478 ug/ml
18) T n-Dotriacontane (C32)	19.002	4663526	26.452 ug/ml
19) T n-Tetratriacontane (C34)	19.787	4541498	29.338 ug/ml
20) T n-Hexatriacontane (C36)	20.529	4308323	34.485 ug/mlm
21) T n-Octatriacontane (C38)	21.289	4321708	41.364 ug/mlm
22) T n-Tetracontane (C40)	22.246	4348302	47.919 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 20 Sample Multiplier: 1

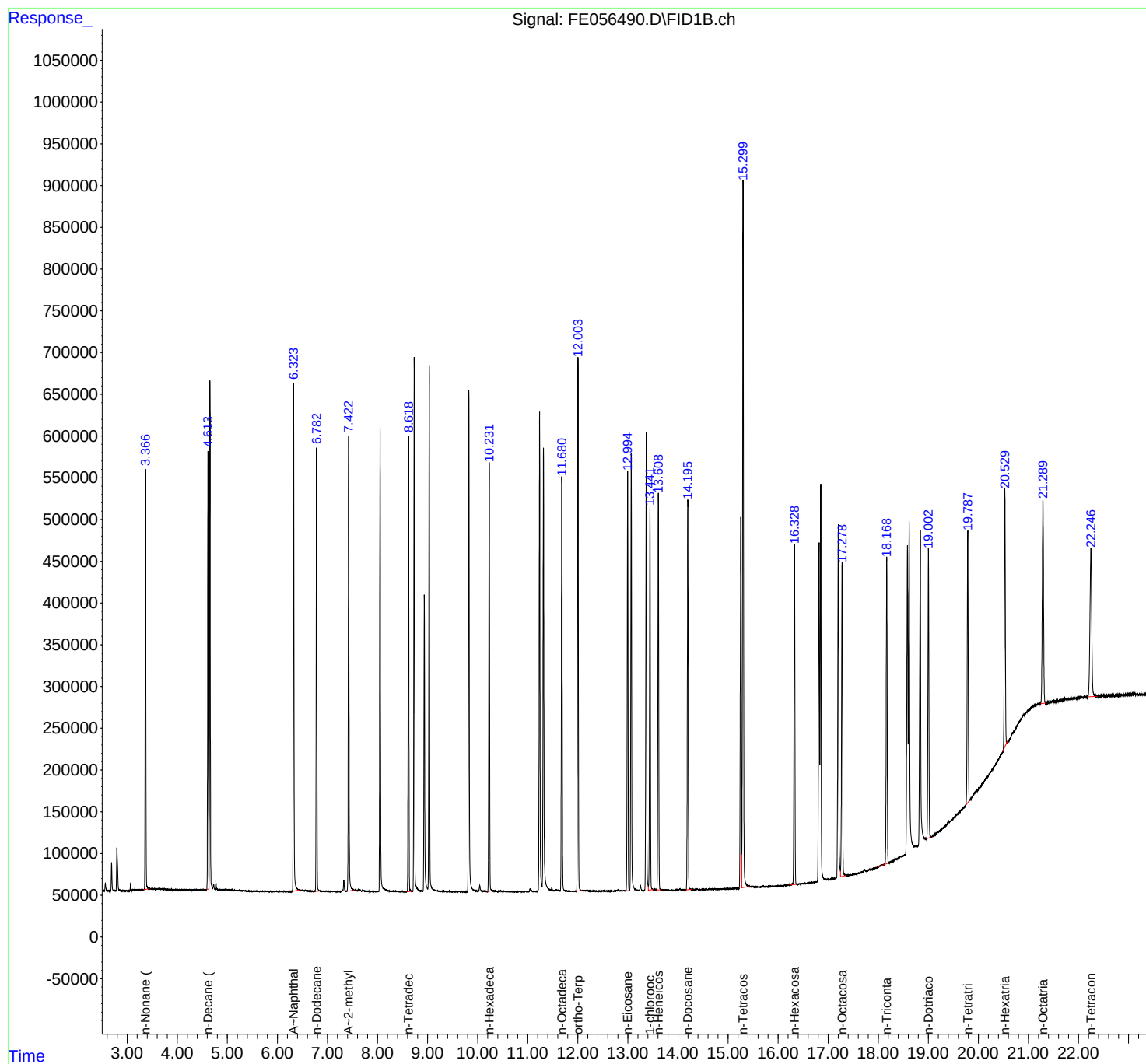
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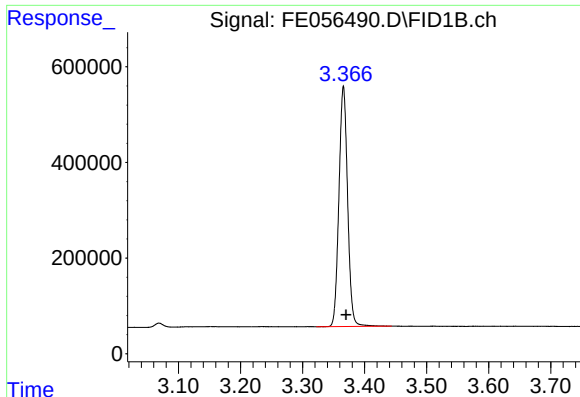
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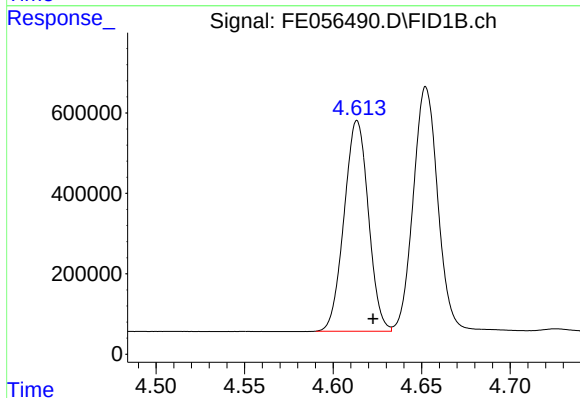
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: -0.004 min
Response: 4874678
Conc: 29.91 ug/ml

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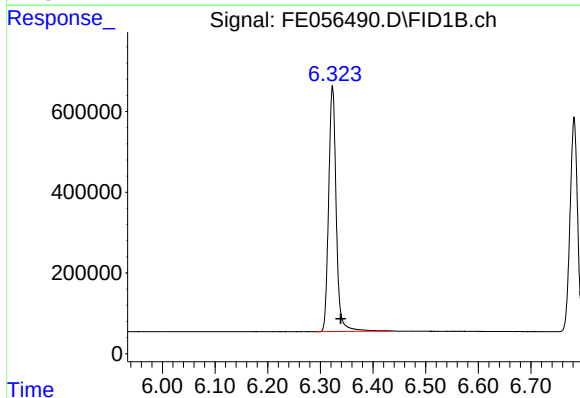
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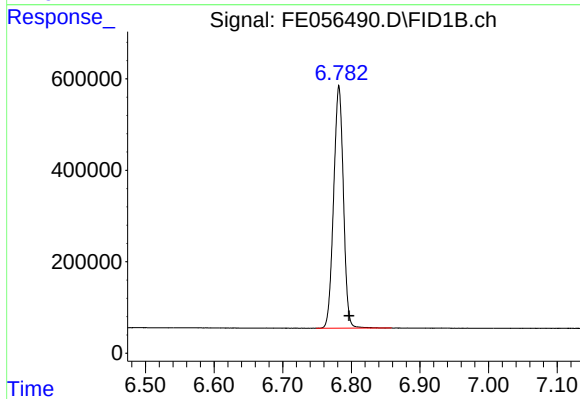
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.009 min
Response: 5003075
Conc: 30.42 ug/ml



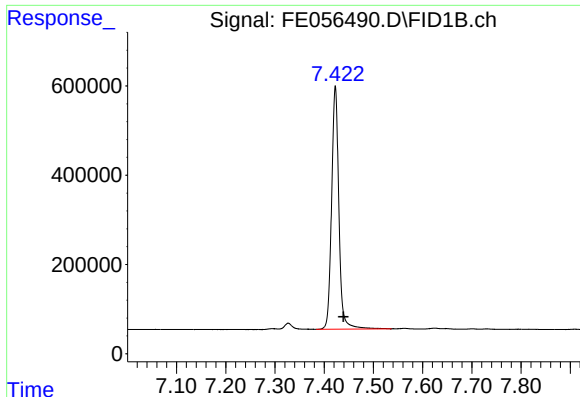
#3 A~Naphthalene (C11.7)

R.T.: 6.323 min
Delta R.T.: -0.016 min
Response: 6089140
Conc: 34.45 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.782 min
Delta R.T.: -0.015 min
Response: 5238559
Conc: 31.22 ug/ml



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

R.T.: 7.423 min
Delta R.T.: -0.017 min
Response: 5593660
Conc: 33.57 ug/ml

Instrument :

FID_E

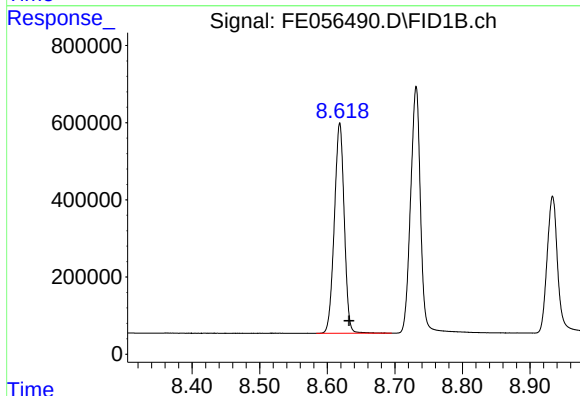
ClientSampleId :

PB170247BS

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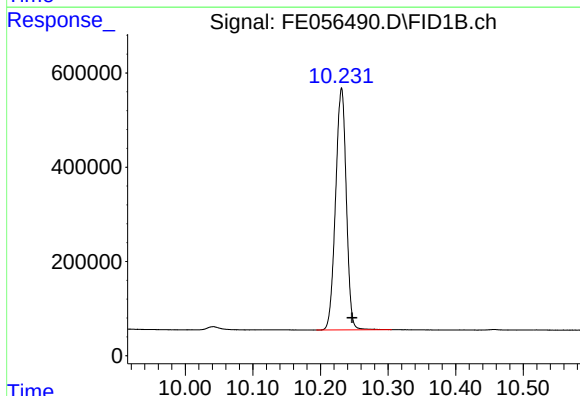
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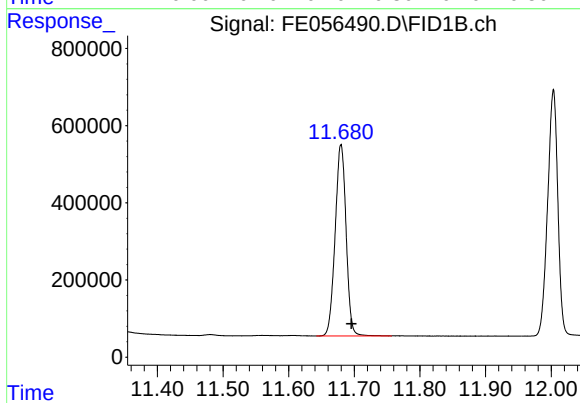
#6 n-Tetradecane (C14)

R.T.: 8.618 min
Delta R.T.: -0.014 min
Response: 5534017
Conc: 33.31 ug/ml



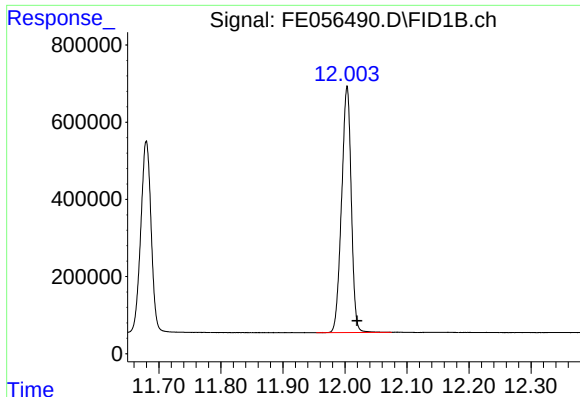
#7 n-Hexadecane (C16)

R.T.: 10.231 min
Delta R.T.: -0.016 min
Response: 5660949
Conc: 32.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.680 min
Delta R.T.: -0.016 min
Response: 5741929
Conc: 31.48 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.003 min
Delta R.T.: -0.016 min
Response: 6901859
Conc: 33.78 ug/ml

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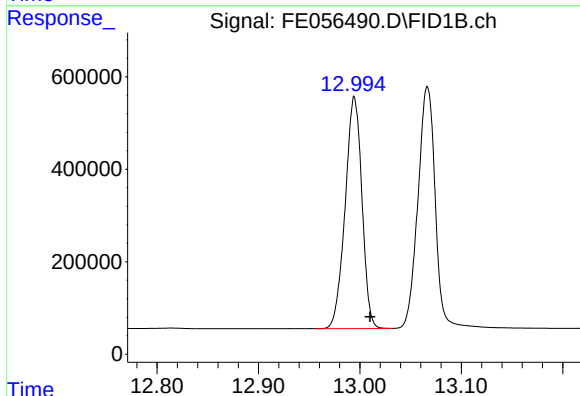
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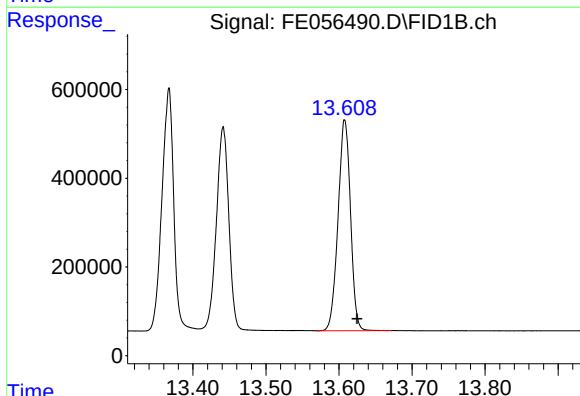
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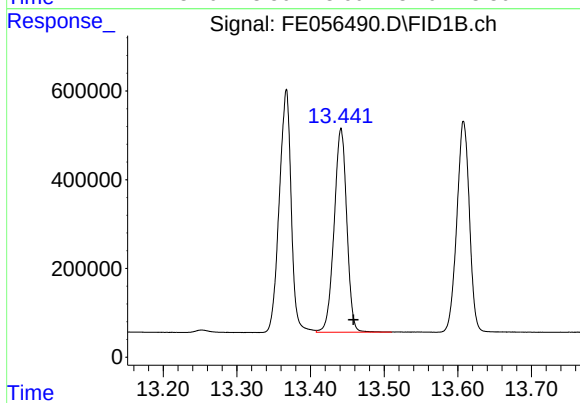
#10 n-Eicosane (C20)

R.T.: 12.995 min
Delta R.T.: -0.016 min
Response: 5762002
Conc: 32.36 ug/ml



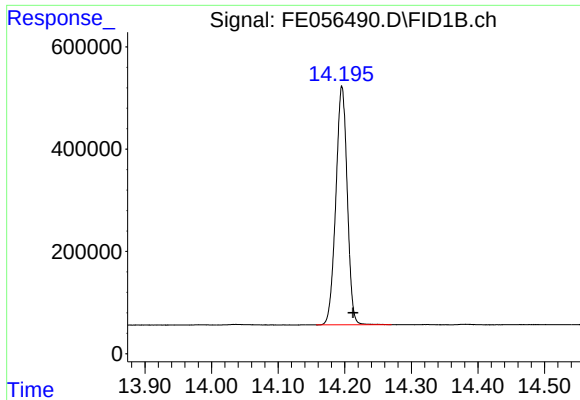
#11 n-Heneicosane (C21)

R.T.: 13.608 min
Delta R.T.: -0.017 min
Response: 5631052
Conc: 32.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.441 min
Delta R.T.: -0.017 min
Response: 5479386
Conc: 35.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.196 min
Delta R.T.: -0.017 min
Response: 5542450
Conc: 31.31 ug/ml

Instrument :

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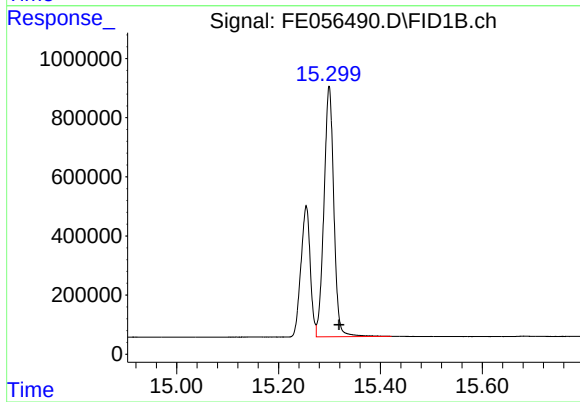
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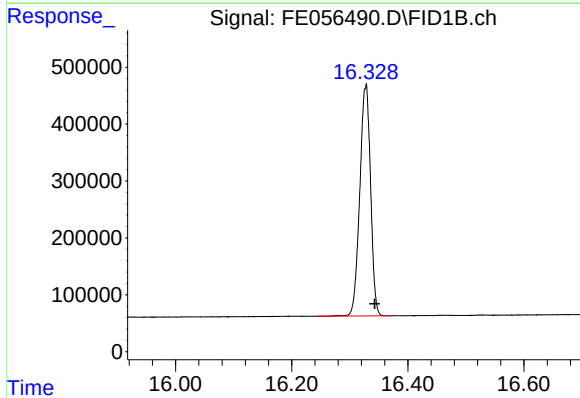
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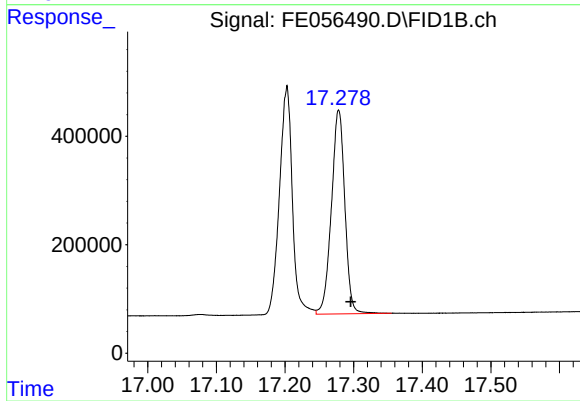
#14 n-Tetracosane (C24)

R.T.: 15.299 min
Delta R.T.: -0.020 min
Response: 11411517
Conc: 62.72 ug/ml



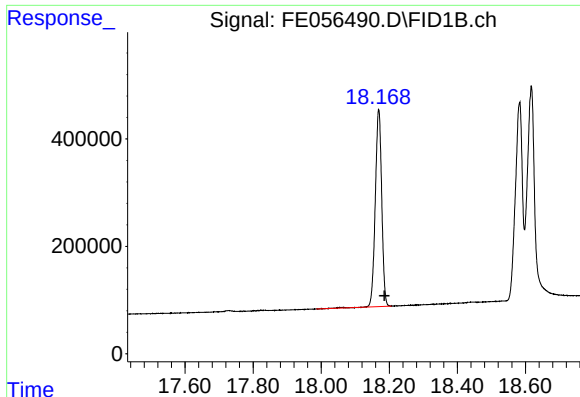
#15 n-Hexacosane (C26)

R.T.: 16.327 min
Delta R.T.: -0.016 min
Response: 5234770
Conc: 29.16 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.278 min
Delta R.T.: -0.018 min
Response: 5112754
Conc: 28.74 ug/ml



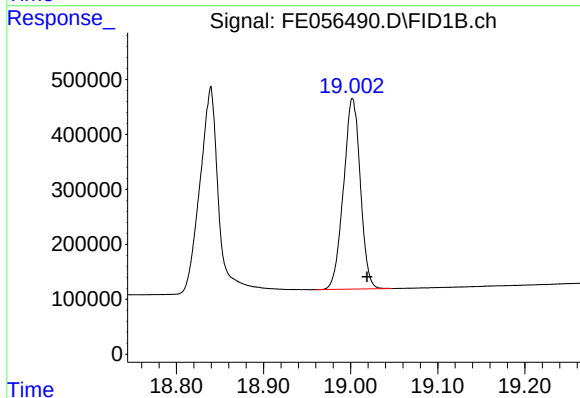
#17 n-Tricontane (C30)

R.T.: 18.169 min
Delta R.T.: -0.017 min
Response: 4807292
Conc: 26.48 ug/ml

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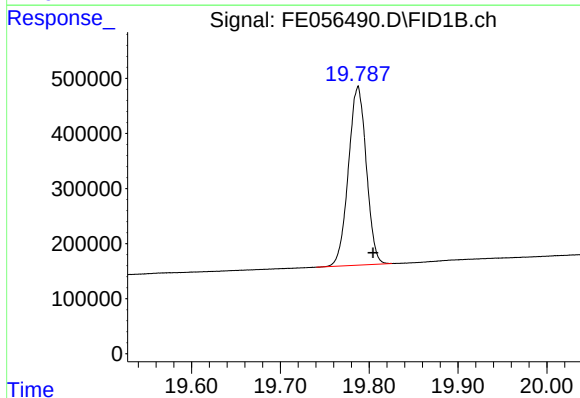
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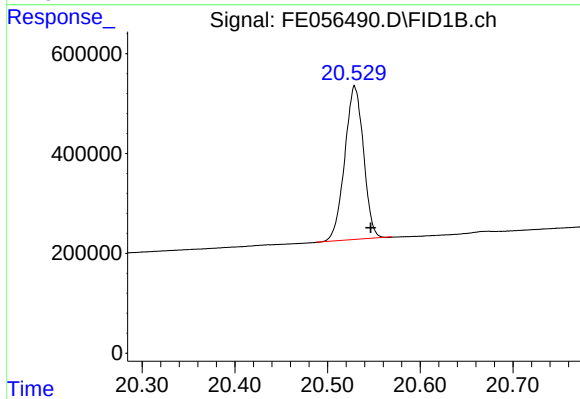
#18 n-Dotriacontane (C32)

R.T.: 19.002 min
Delta R.T.: -0.017 min
Response: 4663526
Conc: 26.45 ug/ml



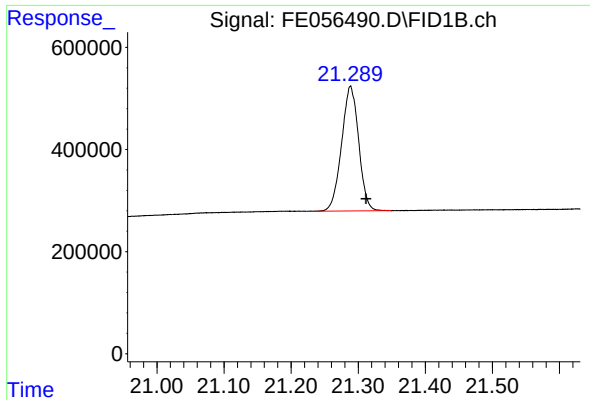
#19 n-Tetratriacontane (C34)

R.T.: 19.787 min
Delta R.T.: -0.017 min
Response: 4541498
Conc: 29.34 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.529 min
Delta R.T.: -0.018 min
Response: 4308323
Conc: 34.48 ug/ml m



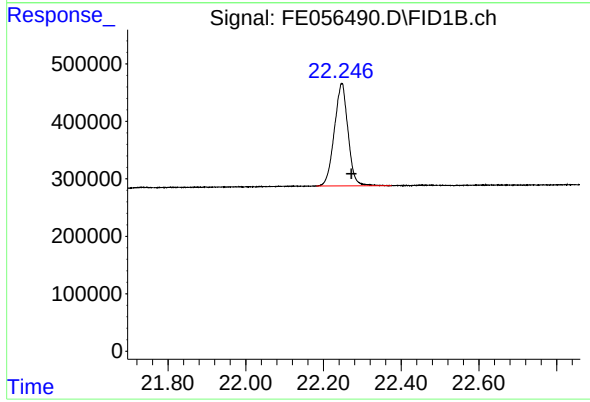
#21 n-Octatriacontane (C38)

R.T.: 21.289 min
Delta R.T.: -0.023 min
Response: 4321708
Conc: 41.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.246 min
Delta R.T.: -0.026 min
Response: 4348302
Conc: 47.92 ug/ml m